

Dominion Exploration & Production, Inc.
P.O. 1360
Roosevelt, UT 84066

August 7, 2003

Utah Division of Oil, Gas, & Mining
1594 West North Temple, Suite 1210
P.O. Box 145801
Salt Lake City, UT 84114-5801

RE: APPLICATION FOR PERMIT TO DRILL
HILL CREEK UNIT 2-33F
NE/NE, SEC. 33, T10S, R20E
UINTAH COUNTY, UTAH
LEASE NO.: U-28203 (Surface)
14-20-H62-4782 (Bottom Hole)
UTE INDIAN TRIBAL LANDS

Enclosed please find a copy of the Application for Permit to Drill and associated attachments for the above-referenced well.

All further communication regarding the permit for this well, including the 7-day letter, communication regarding approval, and the approved APD should be directed to:

Ed Trotter, Agent
P.O. Box 1910
Vernal, UT 84078
Phone: (435)789-4120
Fax: (435)789-1420

Sincerely,



Ed Trotter
Agent

Dominion Exploration & Production, Inc.

Attachments

RECEIVED

AUG 11 2003

DIV. OF OIL, GAS & MINING

UDOGM



Attn: Diana Mason
Utah Division of Oil, Gas & Mining
1594 West North Temple, Suite 1210
Salt Lake City, Utah 84114-5801

Reference: Exception to Location & Sitting of Well
HCU 2-33F, Surface Location 777' FNL & 501' FEL, Sec. 33-10S-20E
Bottom Location 700' FNL & 1900' FEL, Sec. 33-10S-20E
Uintah County, Utah

Dear Ms. Mason:

Dominion Exploration & Production, Inc. is requesting an exception to Rule 649-3-11, for the above referenced well, due to the directional drilling. Dominion Exploration & Production, Inc. is the only owner within a 460' radius from all points along the intended well bore.

If you should require additional information please feel free to contact me at (405) 749-5263.

Sincerely,

Dominion Exploration & Production, Inc.

Carla Christian
Regulatory Specialist

Enclosure

RECEIVED
AUG 11 2003
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. U-28203 Surf./14-20-H62-4782 Btm.
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE		6. If Indian, Allottee or Tribe Name Ute Indian Tribe
2. Name of Operator Dominion Exploration & Production, Inc.		7. If Unit or CA Agreement, Name and No. Hill Creek Unit
3a. Address 14000 Quail Spgs Parkway, Okla. City, OK 73134		8. Lease Name and Well No. HCU 2-33F
3b. Phone No. (include area code) 405-749-1300		9. API Number 43-047-35137
4. Location of Well (Report location clearly and in accordance with any state requirements.)* At surface 4418313 Y 39.90907 777' FNL & 501' FEL, NE/NE 4418336 Y At proposed prod. zone 614409 X-109.66151 613983 X 700' FNL & 1900' FEL, NW/NE 39.90934 -109.66149		10. Field and Pool, or Exploratory Natural Buttes
14. Distance in miles and direction from nearest town or post office* 14.4 miles South of Ouray		11. Sec., T., R., M., or Blk and Survey or Area 33-10S-20E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. unit line, if any) 700'	16. No. of Acres in lease 160	12. County of Parish Uintah
17. Spacing Unit dedicated to this well 40	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. NA	13 State UT
19. Proposed Depth 8,000	20. BLM/BIA Bond No. on file 76S 63050 0330	
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4924' GL	22. Approximate date work will start* 01-Feb-04	23. Estimated duration 45 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature <i>Carla Christian</i>	Name (Printed/Typed) Carla Christian	Date August 7, 2003
Title Regulatory Specialist		
Approved by (Signature) <i>Bradley G. Hill</i>	Name (Printed/Typed) BRADLEY G. HILL	Date 08-18-03
Title ENVIRONMENTAL SCIENTIST III		

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

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DIV. OF OIL, GAS & MINING

T10S, R20E, S.L.B.&M.

79.73 (G.L.O.)

Bottom Hole

HCU #2-33F

Elev. Ungraded Ground = 4924'

NOTE:
THE PROPOSED BOTTOM HOLE FOR THIS WELL
IS LOCATED IN THE NW 1/4 NE 1/4 OF SECTION
33, T10S, R20E, S.L.B.&M. AT A DISTANCE OF
700' FNL 1900' FEL. IT BEARS N87°44'58"W
1399.53' FROM THE PROPOSED WELL HEAD.

33

S89°50'W

S86°20'W

T10S

T11S

23.20 (G.L.O.)

19.97 (G.L.O.)

N89°59'W - 39.71 (G.L.O.)

87°46'
(G.L.O.)

1928 Brass Cap,
0.8' High, Pile
of Stones

777'
(Comp.)
S33°26'39"W
941.51'
501'
(Meas.)

501'19'12"W - 2644.51' (Meas.)

1928 Brass Cap,
0.8' High, Pile
of Stones

S01°20'W - 40.075 (G.L.O.)

DOMINION EXPLR. & PROD., INC.

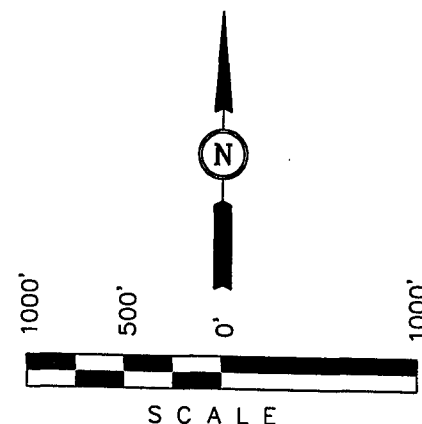
Well location, HCU #2-33F, located as shown
in the NE 1/4 NE 1/4 of Section 33, T10S,
R20E, S.L.B.&M. Uintah County, Utah.

BASIS OF ELEVATION

SPOT ELEVATION AT THE SOUTHWEST CORNER OF SECTION
20, T10S, R19E, S.L.B.&M. TAKEN FROM THE BIG PACK MTN.
NW QUADRANGLE, UTAH, UTAH COUNTY 7.5 MINUTE QUAD.
(TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES
DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID
ELEVATION IS MARKED AS BEING 5251 FEET.

BASIS OF BEARINGS

BASIS OF BEARINGS IS A G.P.S. OBSERVATION.



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Robert L. Hays
REGISTERED LAND SURVEYOR
REGISTRATION NO. 161519
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
85 SOUTH 200 EAST - VERNAL, UTAH 84078
(435) 789-1017

LEGEND:

└─┘ = 90° SYMBOL

● = PROPOSED WELL HEAD.

▲ = SECTION CORNERS LOCATED.

(NAD 83)

LATITUDE = 39°54'32.39" (39.908997)

LONGITUDE = 109°39'43.70" (109.662139)

SCALE 1" = 1000'	DATE SURVEYED: 4-29-03	DATE DRAWN: 5-1-03
PARTY K.K. M.B. C.G.	REFERENCES G.L.O. PLAT	
WEATHER WARM	FILE DOMINION EXPLR. & PROD., INC.	

DRILLING PLANAPPROVAL OF OPERATIONS

Attachment for Permit to Drill

Name of Operator: Dominion Exploration & Production
Address: 14000 Quail Springs Parkway, Suite 600
 Oklahoma City, OK 73134
Well Location: HCU 2-33F
 SHL: 777' FNL & 501' FEL Section 33-10S-20E
 BHL: 700' FNL & 1900' FEL Section 33-10S-20E
 Uintah County, UT

1. GEOLOGIC SURFACE FORMATION Uintah2. ESTIMATED DEPTHS OF IMPORTANT GEOLOGIC MARKERS

<u>Formation</u>	<u>Depth</u>
Green River	579'
Wasatch Tongue	3,489'
Green River Tongue	3,819'
Wasatch	3,979'
Chapita Wells	4,879'
Uteland Buttes	6,079'
Mesaverde	7,179'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS

<u>Formation</u>	<u>Depth</u>	<u>Type</u>
Green River	579'	Oil
Wasatch Tongue	3,489'	Oil
Green River Tongue	3,819'	Oil
Wasatch	3,979'	Gas
Chapita Wells	4,879'	Gas
Uteland Buttes	6,079'	Gas
Mesaverde	7,179'	Gas

4. PROPOSED CASING PROGRAM

All casing used to drill this well will be new casing.

<u>Type</u>	<u>Size</u>	<u>Weight</u>	<u>Grade</u>	<u>Conn.</u>	<u>Top</u>	<u>Bottom</u>	<u>Hole</u>
Surface	13-3/8"	48.0 ppf	H-40	STC	0'	500'	17-1/2"
Intermediate	9-5/8"	36.0 ppf	J-55	LTC	0'	2,800'	12-1/4"
Production	5-1/2"	17.0 ppf	MAV-80	LTC	0'	8,000'	7-7/8"

5. OPERATOR'S MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL

Surface hole: No BOPE will be utilized.

Intermediate hole: To be drilled using a diverter stack with rotating head to divert flow from rig floor.

Production hole: Prior to drilling out the intermediate casing shoe, 3,000 psi or greater BOP equipment will be installed. The pipe rams will be operated at least once per day from intermediate casing to total depth. The blind rams will be tested once per day from intermediate casing to total depth if operations permit.

DRILLING PLAN

APPROVAL OF OPERATIONS

A diagram of the planned BOP equipment for normal drilling operations in this area is attached. As denoted there will be two valves and one check valve on the kill line, two valves on the choke line, and two adjustable chokes on the manifold system. The BOP "stack" will consist of two BOP rams (1 pipe, 1 blind) and one annular type preventer, all rated to a minimum of 3,000 psi working pressure.

The BOP equipment will be pressure tested prior to drilling below the intermediate casing shoe. All test pressures will be maintained for fifteen (15) minutes without any significant pressure decrease. Clear water will be circulated into the BOP stack and lines prior to pressure testing. The following test pressures will be used as a minimum for various equipment items.

1.	Annular BOP	1,500 psi
2.	Ram type BOP	3,000 psi
3.	Kill line valves	3,000 psi
4.	Choke line valves and choke manifold valves	3,000 psi
5.	Chokes	3,000 psi
6.	Casing, casinghead & weld	1,500 psi
7.	Upper kelly cock and safety valve	3,000 psi
8.	Dart valve	3,000 psi

6. MUD SYSTEMS

- An air or an air/mist system may be used to drill to the surface hole until water influx becomes too great.
- KCL mud system will be used to drill well.

<u>Depths</u>	<u>Mud Weight (ppg)</u>	<u>Mud System</u>
0' – 500'	8.4	Air foam mist, no pressure control
500' – 2,800'	8.6	Fresh water, rotating head and diverter
2,800' – 8,000'	8.6	Fresh water/2% KCL/KCL mud system

7. BLOOIE LINE

- An automatic igniter will not be installed on blooie line. The blooie will have a constant ignition source.
- A "target tee" connection will be installed on blooie line for 90° change of directions for abrasion resistance.
- "Target tee" connections will be a minimum of 50' from wellhead.
- The blooie line discharge will be a minimum of 100' from the wellhead.

8. AUXILIARY EQUIPMENT TO BE USED

- a. Kelly cock.
- b. Full opening valve with drill pipe connection will be kept on floor. Valve will be used when the kelly is not in string.

9. TESTING, LOGGING, AND CORING PROGRAMS TO BE FOLLOWED

- A drillstem test in the Wasatch Tongue is possible.
- One electric line wire-log will be run from total depth to intermediate casing.
- The gamma ray will be left on to record from total depth to intermediate casing.
- Other log curves (resistivities, porosity, and caliper) will record from total depth to intermediate casing.
- A dipmeter, percussion cores, or rotary cores may be run over selected intervals.

10. ANTICIPATED ABNORMAL PRESSURES OR TEMPERATURES EXPECTED

- Expected BHP 1,500–2,000 psi (lower than normal pressure gradient).
- No abnormal temperature or pressures are anticipated.
- The formations to be penetrated do not contain known H₂S gas.

11. WATER SUPPLY

- No water pipelines will be laid for this well.
- No water well will be drilled for this well.
- Drilling water for this will be hauled on the road(s) shown in Attachment No. 3.
- Water will be hauled from: Water Permit # 43-10447 Section 9, Township 8 South, Range 20 East

DRILLING PLAN

APPROVAL OF OPERATIONS

12. CEMENT SYSTEMS

a. Surface Cement:

Drill 17-1/2" hole to 500' and cement 13-3/8" to surface with 450 sks class "C" cement with 2% CaCl₂ and 1/4 #/sk. Poly-E-Flakes (volume includes 40% excess). Top out if necessary with Top Out cement listed below.

b. Intermediate Casing Cement:

- Drill 12-1/4" hole to 2,800'±, run and cement 9-5/8" to surface.
- Pump 20 bbls lightly weighted water spacer followed by 5 bbls fresh water. Displace with any available water.
- Casing to be run with: a) guide shoe b) insert float c) three (3) centralizers, one on each of first 3 joints d) stop ring for plug two joints off bottom e) bottom three joints thread locked f) pump job with bottom plug only.
- Cement to surface not required due to surface casing set deeper than normal.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	300	0'-2,000'	11.0 ppg	3.82 CFS	658 CF	1,152 CF	75%
Tail	390	2,000'-2,800'	15.6 ppg	1.20 CFS	268 CF	469 CF	75%

Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.
Slurry yield: 3.82 cf/sack Slurry weight: 11.00 #/gal.
Water requirement: 22.95 gal/sack
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Class "G" Cement, 1/4 lb/sk Cellophane Flakes + 2% bwoc Calcium Chloride + 44.3% fresh water.
Pump Time: 1 hr. 5 min. @ 90 °F.
Compressives @ 95 °F: 24 Hour is 4,700 psi

c. Production Casing Cement:

- Drill 7-7/8" hole to 8,000'±, run and cement 5 1/2".
- Cement interface is at 3,700', which is typically 500'-1,000' above shallowest pay.
- Pump 20 bbl Mud Clean II unweighted spacer, followed by 20 Bbls fresh H2O spacer.
- Displace with 3% KCL.

Type	Sacks	Interval	Density	Yield	Hole Volume	Cement Volume	Excess
Lead	90	3,700'-4,500'	11.5 ppg	3.12 CFS	139 CF	277 CF	100%
Tail	600	4,500'-8,000'	13.0 ppg	1.75 CFS	525 CF	1050 CF	100%

Note: Caliper will be run to determine exact cement volume.

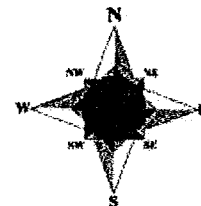
Lead Mix: Halliburton Prem Plus V blend. Blend includes Class "C" cement, gel, salt, gilsonite, EX-1 and HR-7.
Slurry yield: 3.12 cf/sack Slurry weight: 11.60 #/gal.
Water requirement: 17.71 gal/sack
Compressives @ 130°F: 157 psi after 24 hours

Tail Mix: Halliburton HLC blend (Prem Plus V/JB flyash). Blend includes Class "G" cement, KCl, EX-1, Halad 322, & HR-5.
Slurry yield: 1.75 cf/sack Slurry weight: 13.00 #/gal.
Water requirement: 9.09 gal/sack
Compressives @ 165°F: 905 psi after 24 hours

13. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS

Starting Date: February 1, 2004
Duration: 14 Days

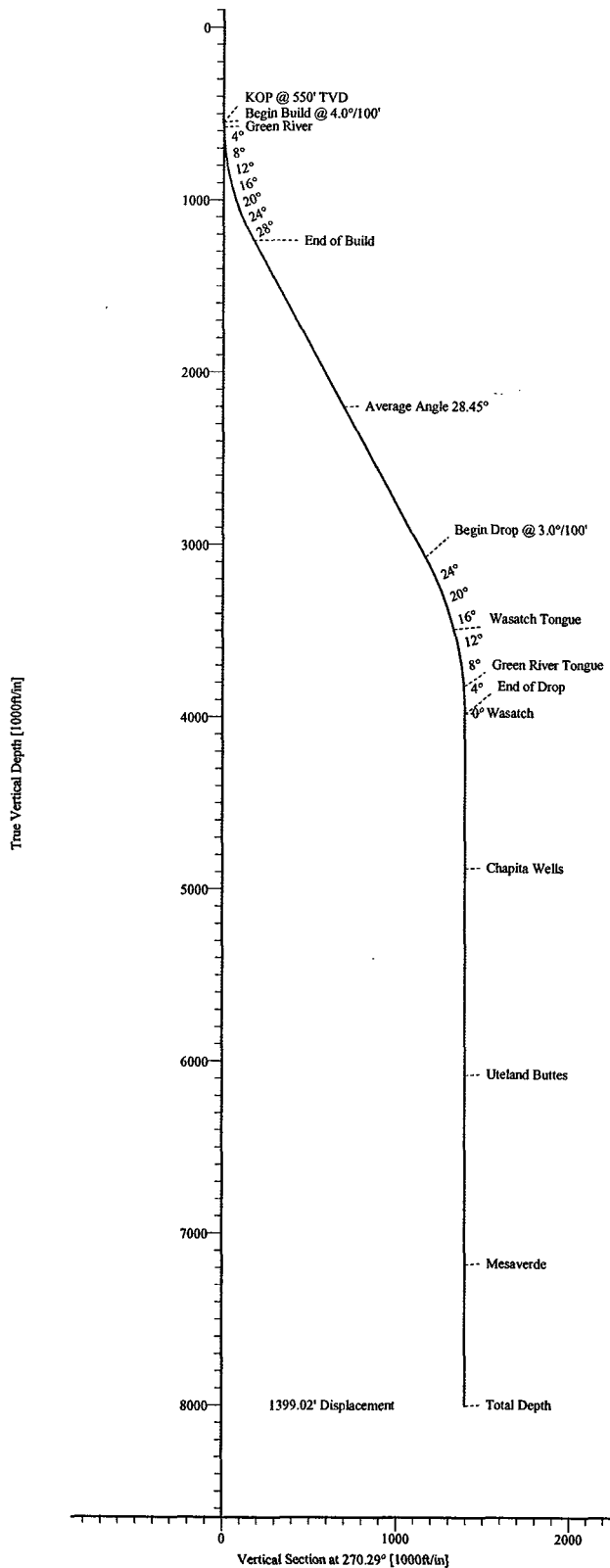
Dominion Exploration & production
HCU #2 - 33F
River Bend Unit
Uintah County, Utah



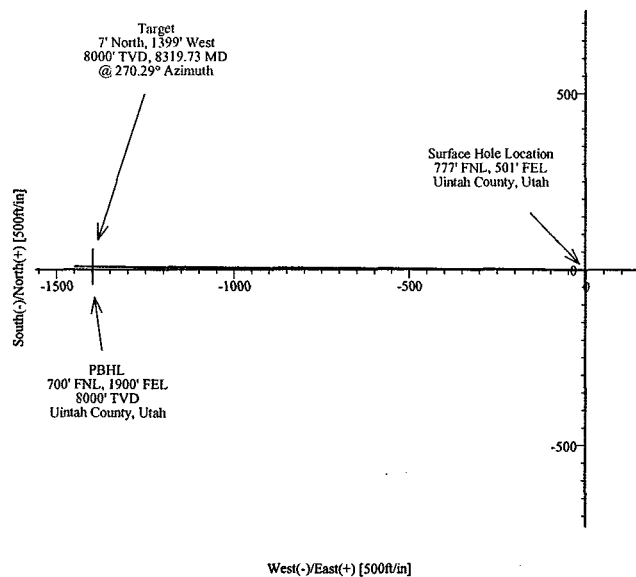
Declination 12.09°
 Dip Angle 66.23°
 Field Strength 53338nT

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	550.00	0.00	0.00	550.00	0.00	0.00	0.00	0.00	0.00	
2	1261.35	28.45	270.29	1232.47	0.87	-173.03	4.00	0.00	173.03	
3	3350.26	28.45	270.29	3069.04	5.85	-1168.29	0.00	0.00	1168.30	
4	4298.73	0.00	0.00	3979.00	7.00	-1399.00	3.00	180.00	1399.02	Wasatch
5	8319.73	0.00	0.00	8000.00	7.00	-1399.00	0.00	0.00	1399.02	



Plan View



TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Shape
Wasatch	3979.00	7.00	-1399.00	Point

QUANTUM
 DRILLING MOTORS
 & DIRECTIONAL SERVICES

Plan: Plan #1 (HCU #2-33F/Original Well)

Created By: Jeff Shoop Date: 7/28/2003
 Checked: _____ Date: _____
 Reviewed: _____ Date: _____
 Approved: _____ Date: _____

Quantum Drilling Motors

Planning Report

Company: Dominion Exploration & Product Field: Field #1 Site: River Bend Unit Well: HCU #2-33F Wellpath: Original Well	Date: 7/30/2003 Co-ordinate(NE) Reference: Site: River Bend Unit, True North Vertical (TVD) Reference: SITE 0.0 Section (VS) Reference: Well (0.00N,0.00E,270.29Azi) Plan: Plan #1
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Field: Field #1 Map System: US State Plane Coordinate System 1983 Geo Datum: GRS 1980 Sys Datum: Mean Sea Level	Map Zone: Utah, Central Zone Coordinate System: Site Centre Geomagnetic Model: igrf2000
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Site: River Bend Unit			
Site Position: From: Lease Line Position Uncertainty: 0.00 ft Ground Level: 0.00 ft	Northing: Easting:	ft ft	Latitude: Longitude: North Reference: True Grid Convergence: 0.00 deg

Well: HCU #2-33F Well Position: +N/-S 0.00 ft Position Uncertainty: 0.00 ft	Slot Name: Northing: 0.00 ft Easting: 0.00 ft Latitude: 20 31 27.661 N Longitude: 116 2 57.116 W
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Wellpath: Original Well Current Datum: SITE Magnetic Data: 7/28/2003 Field Strength: 53338 nT Vertical Section: Depth From (TVD) ft	Drilled From: Surface Tie-on Depth: 0.00 ft Above System Datum: Mean Sea Level Declination: 12.09 deg Mag Dip Angle: 66.23 deg +E/-W Direction deg 0.00 0.00 0.00 270.29
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Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
550.00	0.00	0.00	550.00	0.00	0.00	0.00	0.00	0.00	0.00	
1261.35	28.45	270.29	1232.47	0.87	-173.03	4.00	4.00	0.00	0.00	
3350.26	28.45	270.29	3069.04	5.85	-1168.29	0.00	0.00	0.00	0.00	
4298.73	0.00	0.00	3979.00	7.00	-1399.00	3.00	-3.00	0.00	180.00	Wasatch
8319.73	0.00	0.00	8000.00	7.00	-1399.00	0.00	0.00	0.00	0.00	

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
550.00	0.00	0.00	550.00	0.00	0.00	0.00	0.00	0.00	0.00	Begin Build @ 4.0°/100'
570.00	0.80	270.29	570.00	0.00	-0.14	0.14	4.00	4.00	0.00	
579.00	1.16	270.29	579.00	0.00	-0.29	0.29	4.00	4.00	0.00	Green River
600.00	2.00	270.29	599.99	0.00	-0.87	0.87	4.00	4.00	0.00	
630.00	3.20	270.29	629.96	0.01	-2.23	2.23	4.00	4.00	0.00	
660.00	4.40	270.29	659.89	0.02	-4.22	4.22	4.00	4.00	0.00	
690.00	5.60	270.29	689.78	0.03	-6.84	6.84	4.00	4.00	0.00	
720.00	6.80	270.29	719.60	0.05	-10.08	10.08	4.00	4.00	0.00	
750.00	8.00	270.29	749.35	0.07	-13.94	13.94	4.00	4.00	0.00	
780.00	9.20	270.29	779.01	0.09	-18.43	18.43	4.00	4.00	0.00	
810.00	10.40	270.29	808.57	0.12	-23.53	23.53	4.00	4.00	0.00	
840.00	11.60	270.29	838.02	0.15	-29.26	29.26	4.00	4.00	0.00	
870.00	12.80	270.29	867.34	0.18	-35.60	35.60	4.00	4.00	0.00	
900.00	14.00	270.29	896.53	0.21	-42.55	42.55	4.00	4.00	0.00	
930.00	15.20	270.29	925.56	0.25	-50.11	50.11	4.00	4.00	0.00	
960.00	16.40	270.29	954.42	0.29	-58.28	58.28	4.00	4.00	0.00	
990.00	17.60	270.29	983.11	0.34	-67.05	67.05	4.00	4.00	0.00	
1020.00	18.80	270.29	1011.61	0.38	-76.42	76.42	4.00	4.00	0.00	
1050.00	20.00	270.29	1039.91	0.43	-86.38	86.38	4.00	4.00	0.00	
1080.00	21.20	270.29	1067.99	0.49	-96.94	96.94	4.00	4.00	0.00	

Quantum Drilling Motors

Planning Report

Company: Dominion Exploration & Product
 Field: Field #1
 Site: River Bend Unit
 Well: HCU #2-33F
 Wellpath: Original Well

Date: 7/30/2003 Time: 08:31:09 Page: 2
 Co-ordinate(NE) Reference: Site: River Bend Unit, True North
 Vertical (TVD) Reference: SITE 0.0
 Section (VS) Reference: Well (0.00N,0.00E,270.29Azi)
 Plan: Plan #1

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
1110.00	22.40	270.29	1095.84	0.54	-108.08	108.08	4.00	4.00	0.00	
1140.00	23.60	270.29	1123.46	0.60	-119.80	119.80	4.00	4.00	0.00	
1170.00	24.80	270.29	1150.82	0.66	-132.10	132.10	4.00	4.00	0.00	
1200.00	26.00	270.29	1177.92	0.73	-144.97	144.97	4.00	4.00	0.00	
1230.00	27.20	270.29	1204.74	0.79	-158.40	158.40	4.00	4.00	0.00	
1260.00	28.40	270.29	1231.28	0.86	-172.39	172.39	4.00	4.00	0.00	
1261.35	28.45	270.29	1232.47	0.87	-173.03	173.03	4.00	4.00	0.00	End of Build
1290.00	28.45	270.29	1257.66	0.93	-186.68	186.68	0.00	0.00	0.00	
1320.00	28.45	270.29	1284.03	1.01	-200.97	200.98	0.00	0.00	0.00	
1350.00	28.45	270.29	1310.41	1.08	-215.27	215.27	0.00	0.00	0.00	
1380.00	28.45	270.29	1336.79	1.15	-229.56	229.56	0.00	0.00	0.00	
1410.00	28.45	270.29	1363.16	1.22	-243.86	243.86	0.00	0.00	0.00	
1440.00	28.45	270.29	1389.54	1.29	-258.15	258.15	0.00	0.00	0.00	
1470.00	28.45	270.29	1415.91	1.36	-272.44	272.45	0.00	0.00	0.00	
1500.00	28.45	270.29	1442.29	1.43	-286.74	286.74	0.00	0.00	0.00	
1530.00	28.45	270.29	1468.67	1.51	-301.03	301.03	0.00	0.00	0.00	
1560.00	28.45	270.29	1495.04	1.58	-315.32	315.33	0.00	0.00	0.00	
1590.00	28.45	270.29	1521.42	1.65	-329.62	329.62	0.00	0.00	0.00	
1620.00	28.45	270.29	1547.79	1.72	-343.91	343.91	0.00	0.00	0.00	
1650.00	28.45	270.29	1574.17	1.79	-358.20	358.21	0.00	0.00	0.00	
1680.00	28.45	270.29	1600.55	1.86	-372.50	372.50	0.00	0.00	0.00	
1710.00	28.45	270.29	1626.92	1.94	-386.79	386.79	0.00	0.00	0.00	
1740.00	28.45	270.29	1653.30	2.01	-401.08	401.09	0.00	0.00	0.00	
1770.00	28.45	270.29	1679.67	2.08	-415.38	415.38	0.00	0.00	0.00	
1800.00	28.45	270.29	1706.05	2.15	-429.67	429.68	0.00	0.00	0.00	
1830.00	28.45	270.29	1732.43	2.22	-443.96	443.97	0.00	0.00	0.00	
1860.00	28.45	270.29	1758.80	2.29	-458.26	458.26	0.00	0.00	0.00	
1890.00	28.45	270.29	1785.18	2.36	-472.55	472.56	0.00	0.00	0.00	
1920.00	28.45	270.29	1811.55	2.44	-486.84	486.85	0.00	0.00	0.00	
1950.00	28.45	270.29	1837.93	2.51	-501.14	501.14	0.00	0.00	0.00	
1980.00	28.45	270.29	1864.31	2.58	-515.43	515.44	0.00	0.00	0.00	
2010.00	28.45	270.29	1890.68	2.65	-529.72	529.73	0.00	0.00	0.00	
2040.00	28.45	270.29	1917.06	2.72	-544.02	544.02	0.00	0.00	0.00	
2070.00	28.45	270.29	1943.43	2.79	-558.31	558.32	0.00	0.00	0.00	
2100.00	28.45	270.29	1969.81	2.87	-572.60	572.61	0.00	0.00	0.00	
2130.00	28.45	270.29	1996.19	2.94	-586.90	586.91	0.00	0.00	0.00	
2160.00	28.45	270.29	2022.56	3.01	-601.19	601.20	0.00	0.00	0.00	
2190.00	28.45	270.29	2048.94	3.08	-615.49	615.49	0.00	0.00	0.00	
2220.00	28.45	270.29	2075.31	3.15	-629.78	629.79	0.00	0.00	0.00	
2250.00	28.45	270.29	2101.69	3.22	-644.07	644.08	0.00	0.00	0.00	
2280.00	28.45	270.29	2128.06	3.29	-658.37	658.37	0.00	0.00	0.00	
2310.00	28.45	270.29	2154.44	3.37	-672.66	672.67	0.00	0.00	0.00	
2340.00	28.45	270.29	2180.82	3.44	-686.95	686.96	0.00	0.00	0.00	
2361.82	28.45	270.29	2200.00	3.49	-697.35	697.36	0.00	0.00	0.00	Average Angle 28.45°
2370.00	28.45	270.29	2207.19	3.51	-701.25	701.25	0.00	0.00	0.00	
2400.00	28.45	270.29	2233.57	3.58	-715.54	715.55	0.00	0.00	0.00	
2430.00	28.45	270.29	2259.94	3.65	-729.83	729.84	0.00	0.00	0.00	
2460.00	28.45	270.29	2286.32	3.72	-744.13	744.14	0.00	0.00	0.00	
2490.00	28.45	270.29	2312.70	3.79	-758.42	758.43	0.00	0.00	0.00	
2520.00	28.45	270.29	2339.07	3.87	-772.71	772.72	0.00	0.00	0.00	
2550.00	28.45	270.29	2365.45	3.94	-787.01	787.02	0.00	0.00	0.00	
2580.00	28.45	270.29	2391.82	4.01	-801.30	801.31	0.00	0.00	0.00	
2610.00	28.45	270.29	2418.20	4.08	-815.59	815.60	0.00	0.00	0.00	

Quantum Drilling Motors

Planning Report

Company: Dominion Exploration & Product
Field: Field #1
Site: River Bend Unit
Well: HCU #2-33F
Wellpath: Original Well

Date: 7/30/2003 Time: 08:31:09 Page: 3
Co-ordinate(NE) Reference: Site: River Bend Unit, True North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,270.29Azi)
Plan: Plan #1

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
2640.00	28.45	270.29	2444.58	4.15	-829.89	829.90	0.00	0.00	0.00	
2670.00	28.45	270.29	2470.95	4.22	-844.18	844.19	0.00	0.00	0.00	
2700.00	28.45	270.29	2497.33	4.30	-858.47	858.48	0.00	0.00	0.00	
2730.00	28.45	270.29	2523.70	4.37	-872.77	872.78	0.00	0.00	0.00	
2760.00	28.45	270.29	2550.08	4.44	-887.06	887.07	0.00	0.00	0.00	
2790.00	28.45	270.29	2576.46	4.51	-901.35	901.37	0.00	0.00	0.00	
2820.00	28.45	270.29	2602.83	4.58	-915.65	915.66	0.00	0.00	0.00	
2850.00	28.45	270.29	2629.21	4.65	-929.94	929.95	0.00	0.00	0.00	
2880.00	28.45	270.29	2655.58	4.72	-944.23	944.25	0.00	0.00	0.00	
2910.00	28.45	270.29	2681.96	4.80	-958.53	958.54	0.00	0.00	0.00	
2940.00	28.45	270.29	2708.34	4.87	-972.82	972.83	0.00	0.00	0.00	
2970.00	28.45	270.29	2734.71	4.94	-987.11	987.13	0.00	0.00	0.00	
3000.00	28.45	270.29	2761.09	5.01	-1001.41	1001.42	0.00	0.00	0.00	
3030.00	28.45	270.29	2787.46	5.08	-1015.70	1015.71	0.00	0.00	0.00	
3060.00	28.45	270.29	2813.84	5.15	-1030.00	1030.01	0.00	0.00	0.00	
3090.00	28.45	270.29	2840.22	5.23	-1044.29	1044.30	0.00	0.00	0.00	
3120.00	28.45	270.29	2866.59	5.30	-1058.58	1058.60	0.00	0.00	0.00	
3150.00	28.45	270.29	2892.97	5.37	-1072.88	1072.89	0.00	0.00	0.00	
3180.00	28.45	270.29	2919.34	5.44	-1087.17	1087.18	0.00	0.00	0.00	
3210.00	28.45	270.29	2945.72	5.51	-1101.46	1101.48	0.00	0.00	0.00	
3240.00	28.45	270.29	2972.10	5.58	-1115.76	1115.77	0.00	0.00	0.00	
3270.00	28.45	270.29	2998.47	5.65	-1130.05	1130.06	0.00	0.00	0.00	
3300.00	28.45	270.29	3024.85	5.73	-1144.34	1144.36	0.00	0.00	0.00	
3330.00	28.45	270.29	3051.22	5.80	-1158.64	1158.65	0.00	0.00	0.00	
3350.26	28.45	270.29	3069.04	5.85	-1168.29	1168.30	0.00	0.00	0.00	Begin Drop @ 3.0°/100'
3360.00	28.16	270.29	3077.61	5.87	-1172.91	1172.92	3.00	-3.00	0.00	
3390.00	27.26	270.29	3104.17	5.94	-1186.86	1186.87	3.00	-3.00	0.00	
3420.00	26.36	270.29	3130.94	6.01	-1200.39	1200.40	3.00	-3.00	0.00	
3450.00	25.46	270.29	3157.93	6.07	-1213.50	1213.51	3.00	-3.00	0.00	
3480.00	24.56	270.29	3185.12	6.14	-1226.18	1226.20	3.00	-3.00	0.00	
3510.00	23.66	270.29	3212.50	6.20	-1238.44	1238.45	3.00	-3.00	0.00	
3540.00	22.76	270.29	3240.07	6.26	-1250.26	1250.28	3.00	-3.00	0.00	
3570.00	21.86	270.29	3267.82	6.31	-1261.65	1261.67	3.00	-3.00	0.00	
3600.00	20.96	270.29	3295.75	6.37	-1272.60	1272.62	3.00	-3.00	0.00	
3630.00	20.06	270.29	3323.85	6.42	-1283.12	1283.13	3.00	-3.00	0.00	
3660.00	19.16	270.29	3352.11	6.47	-1293.18	1293.20	3.00	-3.00	0.00	
3690.00	18.26	270.29	3380.52	6.52	-1302.81	1302.82	3.00	-3.00	0.00	
3720.00	17.36	270.29	3409.08	6.56	-1311.99	1312.00	3.00	-3.00	0.00	
3750.00	16.46	270.29	3437.79	6.61	-1320.71	1320.73	3.00	-3.00	0.00	
3780.00	15.56	270.29	3466.62	6.65	-1328.99	1329.00	3.00	-3.00	0.00	
3803.19	14.87	270.29	3489.00	6.68	-1335.07	1335.09	3.00	-3.00	0.00	Wasatch Tongue
3810.00	14.66	270.29	3495.58	6.69	-1336.81	1336.82	3.00	-3.00	0.00	
3840.00	13.76	270.29	3524.67	6.73	-1344.17	1344.19	3.00	-3.00	0.00	
3870.00	12.86	270.29	3553.86	6.76	-1351.08	1351.10	3.00	-3.00	0.00	
3900.00	11.96	270.29	3583.16	6.79	-1357.53	1357.55	3.00	-3.00	0.00	
3930.00	11.06	270.29	3612.55	6.82	-1363.52	1363.53	3.00	-3.00	0.00	
3960.00	10.16	270.29	3642.04	6.85	-1369.04	1369.06	3.00	-3.00	0.00	
3990.00	9.26	270.29	3671.61	6.88	-1374.10	1374.12	3.00	-3.00	0.00	
4020.00	8.36	270.29	3701.26	6.90	-1378.70	1378.71	3.00	-3.00	0.00	
4050.00	7.46	270.29	3730.97	6.92	-1382.83	1382.84	3.00	-3.00	0.00	
4080.00	6.56	270.29	3760.75	6.94	-1386.49	1386.51	3.00	-3.00	0.00	
4110.00	5.66	270.29	3790.57	6.95	-1389.68	1389.70	3.00	-3.00	0.00	
4138.54	4.81	270.29	3819.00	6.97	-1392.29	1392.30	3.00	-3.00	0.00	Green River Tongue

Quantum Drilling Motors

Planning Report

Company: Dominion Exploration & Product
 Field: Field #1
 Site: River Bend Unit
 Well: HCU #2-33F
 Wellpath: Original Well

Date: 7/30/2003 Time: 08:31:09
 Co-ordinate(NE) Reference: Site: River Bend Unit, True North
 Vertical (TVD) Reference: SITE 0.0
 Section (VS) Reference: Well (0.00N,0.00E,270.29Azi)
 Plan: Plan #1

Page: 4

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
4140.00	4.76	270.29	3820.45	6.97	-1392.41	1392.43	3.00	-3.00	0.00	
4170.00	3.86	270.29	3850.37	6.98	-1394.66	1394.68	3.00	-3.00	0.00	
4200.00	2.96	270.29	3880.31	6.99	-1396.45	1396.47	3.00	-3.00	0.00	
4230.00	2.06	270.29	3910.28	6.99	-1397.76	1397.78	3.00	-3.00	0.00	
4260.00	1.16	270.29	3940.27	7.00	-1398.61	1398.62	3.00	-3.00	0.00	
4290.00	0.26	270.29	3970.27	7.00	-1398.98	1399.00	3.00	-3.00	0.00	
4298.73	0.00	0.00	3979.00	7.00	-1399.00	1399.02	3.00	-3.00	0.00	Wasatch
4320.00	0.00	0.00	4000.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
4350.00	0.00	0.00	4030.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
4380.00	0.00	0.00	4060.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
4410.00	0.00	0.00	4090.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
4440.00	0.00	0.00	4120.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
4470.00	0.00	0.00	4150.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
4500.00	0.00	0.00	4180.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
4530.00	0.00	0.00	4210.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
4560.00	0.00	0.00	4240.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
4590.00	0.00	0.00	4270.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
4620.00	0.00	0.00	4300.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
4650.00	0.00	0.00	4330.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
4680.00	0.00	0.00	4360.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
4710.00	0.00	0.00	4390.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
4740.00	0.00	0.00	4420.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
4770.00	0.00	0.00	4450.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
4800.00	0.00	0.00	4480.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
4830.00	0.00	0.00	4510.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
4860.00	0.00	0.00	4540.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
4890.00	0.00	0.00	4570.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
4920.00	0.00	0.00	4600.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
4950.00	0.00	0.00	4630.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
4980.00	0.00	0.00	4660.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5010.00	0.00	0.00	4690.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5040.00	0.00	0.00	4720.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5070.00	0.00	0.00	4750.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5100.00	0.00	0.00	4780.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5130.00	0.00	0.00	4810.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5160.00	0.00	0.00	4840.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5190.00	0.00	0.00	4870.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5198.73	0.00	0.00	4879.00	7.00	-1399.00	1399.02	0.00	0.00	0.00	Chapita Wells
5220.00	0.00	0.00	4900.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5250.00	0.00	0.00	4930.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5280.00	0.00	0.00	4960.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5310.00	0.00	0.00	4990.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5340.00	0.00	0.00	5020.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5370.00	0.00	0.00	5050.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5400.00	0.00	0.00	5080.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5430.00	0.00	0.00	5110.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5460.00	0.00	0.00	5140.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5490.00	0.00	0.00	5170.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5520.00	0.00	0.00	5200.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5550.00	0.00	0.00	5230.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5580.00	0.00	0.00	5260.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5610.00	0.00	0.00	5290.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5640.00	0.00	0.00	5320.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5670.00	0.00	0.00	5350.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	

Quantum Drilling Motors

Planning Report

Company: Dominion Exploration & Product
Field: Field #1
Site: River Bend Unit
Well: HCU #2-33F
Wellpath: Original Well

Date: 7/30/2003 Time: 08:31:09 Page: 5
Co-ordinate(NE) Reference: Site: River Bend Unit, True North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,270.29Azi)
Plan: Plan #1

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
5700.00	0.00	0.00	5380.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5730.00	0.00	0.00	5410.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5760.00	0.00	0.00	5440.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5790.00	0.00	0.00	5470.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5820.00	0.00	0.00	5500.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5850.00	0.00	0.00	5530.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5880.00	0.00	0.00	5560.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5910.00	0.00	0.00	5590.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5940.00	0.00	0.00	5620.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
5970.00	0.00	0.00	5650.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6000.00	0.00	0.00	5680.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6030.00	0.00	0.00	5710.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6060.00	0.00	0.00	5740.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6090.00	0.00	0.00	5770.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6120.00	0.00	0.00	5800.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6150.00	0.00	0.00	5830.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6180.00	0.00	0.00	5860.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6210.00	0.00	0.00	5890.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6240.00	0.00	0.00	5920.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6270.00	0.00	0.00	5950.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6300.00	0.00	0.00	5980.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6330.00	0.00	0.00	6010.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6360.00	0.00	0.00	6040.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6390.00	0.00	0.00	6070.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6398.73	0.00	0.00	6079.00	7.00	-1399.00	1399.02	0.00	0.00	0.00	Uteland Buttes
6420.00	0.00	0.00	6100.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6450.00	0.00	0.00	6130.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6480.00	0.00	0.00	6160.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6510.00	0.00	0.00	6190.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6540.00	0.00	0.00	6220.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6570.00	0.00	0.00	6250.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6600.00	0.00	0.00	6280.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6630.00	0.00	0.00	6310.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6660.00	0.00	0.00	6340.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6690.00	0.00	0.00	6370.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6720.00	0.00	0.00	6400.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6750.00	0.00	0.00	6430.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6780.00	0.00	0.00	6460.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6810.00	0.00	0.00	6490.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6840.00	0.00	0.00	6520.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6870.00	0.00	0.00	6550.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6900.00	0.00	0.00	6580.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6930.00	0.00	0.00	6610.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6960.00	0.00	0.00	6640.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
6990.00	0.00	0.00	6670.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7020.00	0.00	0.00	6700.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7050.00	0.00	0.00	6730.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7080.00	0.00	0.00	6760.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7110.00	0.00	0.00	6790.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7140.00	0.00	0.00	6820.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7170.00	0.00	0.00	6850.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7200.00	0.00	0.00	6880.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7230.00	0.00	0.00	6910.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	

Quantum Drilling Motors

Planning Report

Company: Dominion Exploration & Product
Field: Field #1
Site: River Bend Unit
Well: HCU #2-33F
Wellpath: Original Well

Date: 7/30/2003 **Time:** 08:31:09 **Page:** 6
Co-ordinate(NE) Reference: Site: River Bend Unit, True North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,270.29Azi)
Plan: Plan #1

Survey

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
7260.00	0.00	0.00	6940.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7290.00	0.00	0.00	6970.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7320.00	0.00	0.00	7000.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7350.00	0.00	0.00	7030.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7380.00	0.00	0.00	7060.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7410.00	0.00	0.00	7090.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7440.00	0.00	0.00	7120.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7470.00	0.00	0.00	7150.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7498.73	0.00	0.00	7179.00	7.00	-1399.00	1399.02	0.00	0.00	0.00	Mesaverde
7500.00	0.00	0.00	7180.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7530.00	0.00	0.00	7210.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7560.00	0.00	0.00	7240.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7590.00	0.00	0.00	7270.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7620.00	0.00	0.00	7300.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7650.00	0.00	0.00	7330.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7680.00	0.00	0.00	7360.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7710.00	0.00	0.00	7390.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7740.00	0.00	0.00	7420.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7770.00	0.00	0.00	7450.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7800.00	0.00	0.00	7480.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7830.00	0.00	0.00	7510.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7860.00	0.00	0.00	7540.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7890.00	0.00	0.00	7570.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7920.00	0.00	0.00	7600.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7950.00	0.00	0.00	7630.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
7980.00	0.00	0.00	7660.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
8010.00	0.00	0.00	7690.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
8040.00	0.00	0.00	7720.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
8070.00	0.00	0.00	7750.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
8100.00	0.00	0.00	7780.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
8130.00	0.00	0.00	7810.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
8160.00	0.00	0.00	7840.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
8190.00	0.00	0.00	7870.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
8220.00	0.00	0.00	7900.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
8250.00	0.00	0.00	7930.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
8280.00	0.00	0.00	7960.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
8310.00	0.00	0.00	7990.27	7.00	-1399.00	1399.02	0.00	0.00	0.00	
8319.73	0.00	0.00	8000.00	7.00	-1399.00	1399.02	0.00	0.00	0.00	Total Depth

Targets

Name	Description Dip.	Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude → Deg Min Sec			← Longitude → Deg Min Sec		
Wasatch -Plan hit target			3979.00	7.00	-1399.00	78.11	-1396.84	20	31	27.726 N	116	3	11.077 W

Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
579.00	579.00	Green River		0.00	0.00
3803.19	3489.00	Wasatch Tongue		0.00	0.00
4138.54	3819.00	Green River Tongue		0.00	0.00
4298.73	3979.00	Wasatch		0.00	0.00
5198.73	4879.00	Chapita Wells		0.00	0.00

Quantum Drilling Motors

Planning Report

Company: Dominion Exploration & Product
Field: Field #1
Site: River Bend Unit
Well: HCU #2-33F
Wellpath: Original Well

Date: 7/30/2003 **Time:** 08:31:09 **Page:** 7
Co-ordinate(NE) Reference: Site: River Bend Unit, True North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,270.29Azi)
Plan: Plan #1

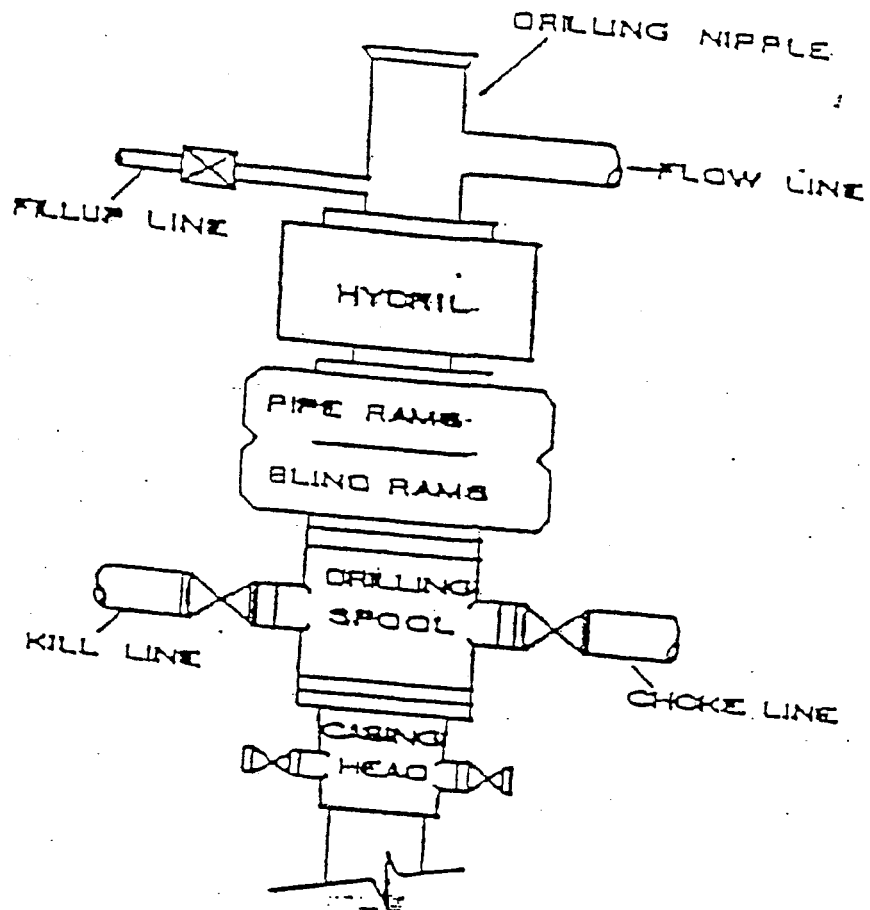
Formations

MD ft	TVD ft	Formations	Lithology	Dip Angle deg	Dip Direction deg
6398.73	6079.00	Uteland Buttes		0.00	0.00
7498.73	7179.00	Mesaverde		0.00	0.00
8319.73	8000.00	Total Depth		0.00	0.00

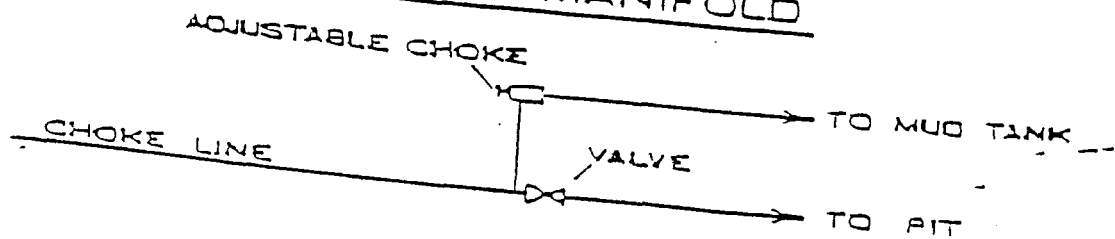
Annotation

MD ft	TVD ft	
550.00	550.00	KOP @ 550' TVD
550.00	550.00	Begin Build @ 4.0°/100'
1261.35	1232.47	End of Build
2361.82	2200.00	Average Angle 28.45°
3350.26	3069.04	Begin Drop @ 3.0°/100'
4298.73	3979.00	End of Drop

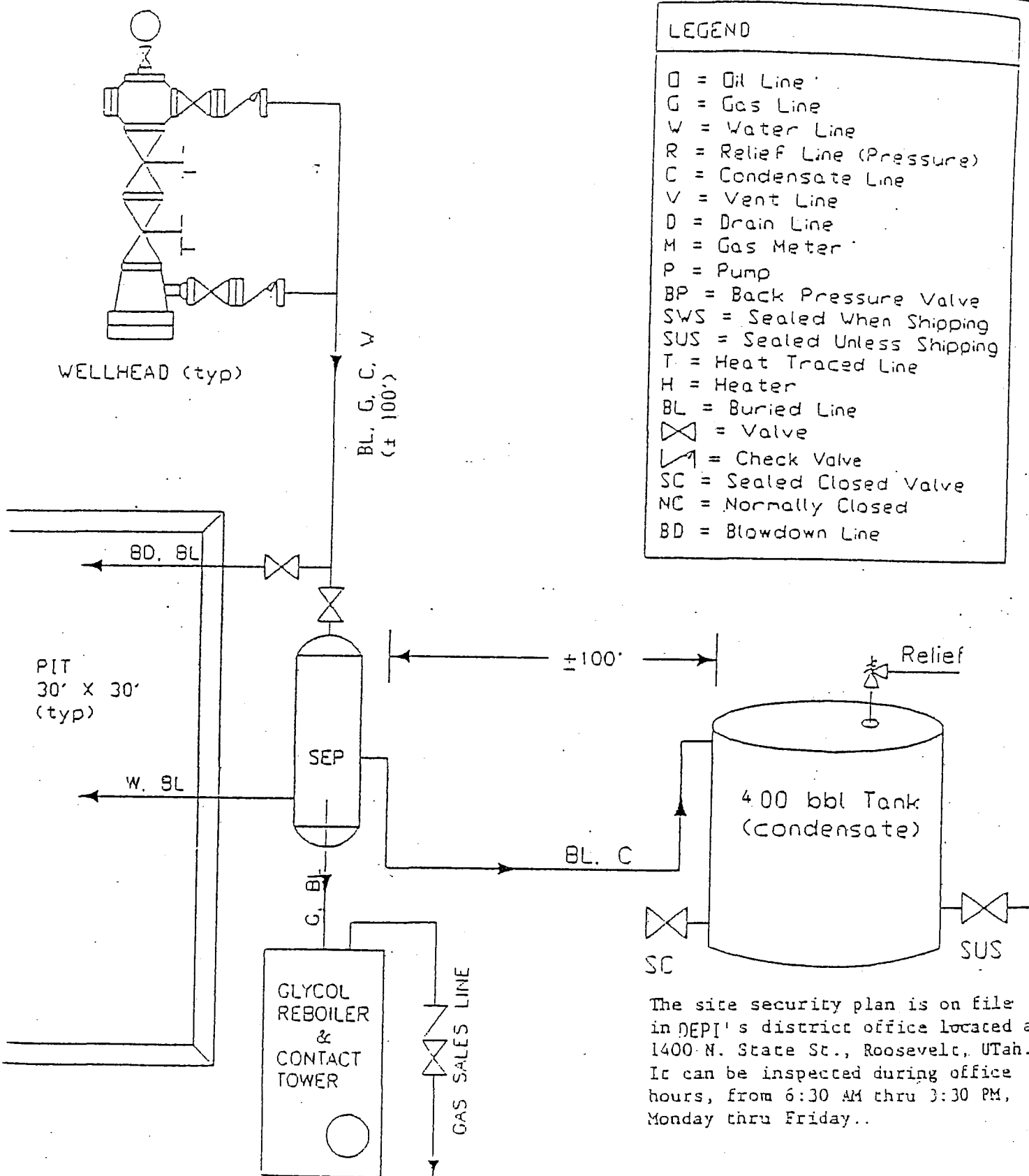
BOP STACK



CHOKE MANIFOLD



CONFIDENTIAL



DOMINION EXPLORATION & PRODUCTION, INC.

Well:

RIVER BEND FIELD, UINTA COUNTY

not to scale

0000000000

TYPICAL FLOW DIAGRAM

Date: / /

**CONDITIONS OF APPROVAL
FOR THE SURFACE USE PROGRAM OF THE
APPLICATION FOR PERMIT TO DRILL**

Company/Operator: Dominion Exploration & Production, Inc.
Well Name & Number: Hill Creek Unit 2-33F
Lease Number: U-28203 (Surface)
14-20-H62-4782 (Bottom Hole)
Location: 777' FNL & 501' FEL, NE/NE, Sec. 33,
T10S, R20E, S.L.B.&M., Uintah County
Surface Ownership: Ute Indian Tribe

NOTIFICATION REQUIREMENTS

Location Construction - forty-eight (48) hours prior to construction
of location and access roads.

Location Completion - prior to moving on the drilling rig.

Spud Notice: - at least twenty-four (24) hours prior to
spudding the well.

Casing String and
Cementing - twenty-four (24) hours prior to running
casing and cementing all casing strings.

BOP and related
Equipment Tests - twenty-four (24) hours prior to running
casing and tests.

First Production
Notice - within five (5) business days after new
Well begins or production resumes after
Well has been off production for more
than ninety (90) days.

For more specific details on notification requirements, please check the Conditions of
Approval for Notice to Drill and Surface Use Program.

SURFACE USE PROGRAM

1. EXISTING ROADS

- A. See attached Wellsite Plats showing directional reference stakes on location, and attached TOPO Map "B" showing access to location from existing roads.
- B. The proposed well site is located approximately 14.4 miles south of Ouray, Utah - See attached TOPO Map "A".
- C. Refer to attached Topographic Map "A" showing labeled access route to location.
- D. Existing roads will be maintained and repaired as necessary. No off lease Right-of-Way will be required.

2. PLANNED ACCESS ROAD

- A. The access road will be approximately 100 feet in length. See attached TOPO Map "B".
- B. The access road has a 30 foot ROW w/ 18 foot running surface.
- C. Maximum grade on access road will be 8%.
- D. No turnouts will be required.
- E. Road drainage crossings shall be of the typical dry creek drainage crossing type.
- F. No culverts, bridges, or major cuts and fills will be required.
- G. The access road will be dirt surface.
- H. No gates, cattleguards, or fences will be required or encountered.

New or reconstructed roads will be centerlined - flagged at time of location staking.

All travel will be confined to existing access road Right-of-Way. Access roads and surface disturbing activities will conform to standards outlined in the Bureau of Land Management and Forest Service Publication: Surface Operating Standards For Oil & Gas Exploration and Development, (1989).

The road shall be upgraded to meet the standards of the anticipated traffic flow and all-weather road requirements. Upgrading shall include ditching, drainage, graveling, crowning, and capping the roadbed as necessary to provide a well-constructed safe road. Prior to upgrading, the road shall be cleared of any snow cover and allowed to dry completely. Traveling off the 30 foot Right-of-Way will not be allowed.

Road drainage crossings shall be of the typical dry creek drainage crossing type. Crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossings nor shall the drainages be blocked by the roadbed. Erosion of drainage ditches by run off water shall be prevented by diverting water off at frequent

intervals by means of cutouts. Upgrading shall not be allowed during muddy conditions. Should mud holes develop, they shall be filled in and detours around them avoided.

As operator, Dominion Exploration & Production, Inc. shall be responsible for all maintenance on cattleguards, or gates associated with this oil and/or gas operation.

3. **LOCATION OF EXISTING WELLS WITHIN A ONE MILE RADIUS OF PROPOSED WELL LOCATION**

A. Producing wells - 2*

(*See attached TOPO map "C" for location)

4. **LOCATION OF EXISTING AND/OR PROPOSED FACILITIES**

A. **ON WELL PAD**

1. Production facilities will be set on location if the well is successfully completed for production. Facilities will consist of wellhead valves, separator and dehy units with meter, 400 barrel vertical condensate tank, and attaching piping.
2. Gas gathering lines - A 4" gathering line will be buried from dehy to the edge of the location.
3. Surface pits – After the well is hydraulically fraced, it will be flowed back into the surface pits. After first production, a 400 barrel tank will be installed to contain produced waste water.

B. **OFF WELL PAD**

1. Proposed location of attendant off pad flowlines shall be flagged prior to archaeological clearance.
2. A 4" OD steel above ground natural gas pipeline will be laid approximately 7150' from proposed location to a point in the NE/NW of Section 27, T10S, R20E, where it will tie into Questar Pipeline Co.'s existing line. Proposed pipeline crosses Ute Indian Tribe lands within the Hill Creek Unit, thus a Right-of-Way grant will be required.
3. Proposed pipeline will be a 4" OD steel, welded line laid on the surface.
4. Protective measures and devices for livestock and wildlife will be taken and/or installed where required.

If storage facilities/tank batteries are constructed on this lease, the facility/battery or the well pad shall be surrounded by a containment dike of sufficient capacity to contain, at a minimum, the entire contents of the largest tank within the facility/battery.

The production facilities will be placed on the South end of the location.

All permanent (on site for six months or longer) structures constructed or installed (including pumping units) will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the Rocky Mountain Five State Interagency Committee. All facilities will be painted within 6 months of installation. Facilities required to comply with O.S.H.A. (Occupational Safety and Health Act) will be excluded.

The required paint color is Desert Brown.

5. **LOCATION & TYPE OF WATER SUPPLY**

- A. Water source will be from Water Permit No. 43-10447 located in Sec. 9, T8S, R20E, Uintah County, Utah.
- B. Water will be hauled by a licensed trucking company.
- C. No water well will be drilled on lease.

6. **SOURCE OF CONSTRUCTION MATERIAL**

- A. All construction material for this location and access road will be of native borrow and soil accumulated during the construction of the location.
- B. All construction material will come from Tribal Land.
- C. No mineral materials will be required.

7. **METHODS OF HANDLING WASTE DISPOSAL**

A. METHODS AND LOCATION

- 1. Cuttings will be confined in the reserve pit.
- 2. A portable toilet will be provided for human waste during the drilling and completion of the well. Disposal will be at the Vernal sewage disposal plant.
- 3. Burning will not be allowed. Trash and other waste material will be contained in a wire mesh cage and disposed of at the Uintah County Landfill.
- 4. Produced wastewater will be confined to a lined or unlined pit or storage tank for a period not to exceed 90 days after initial production. After the 90-day period, the produced water will be contained in a tank on location and then disposed of at Ace Disposal, MCMC Disposal or Dominion's RBU 16-19F Disposal Well.
- 5. All chemicals will be disposed of at an authorized disposal site. Drip pans and absorbent pads will be used on the drilling rig to avoid leakage of oil to the pit.

- B. Water from drilling fluids and recovered during testing operations will be disposed of by either evaporating in the reserve pit or be removed and disposed of at an authorized disposal site. Introduction of well bore hydrocarbons to the reserve pit will be avoided by flaring them off in the flare pit at the time of recovery.

On Ute Indian Tribe administered land:

The reserve pit will be constructed so as not to leak, break, or allow discharge. If the reserve pit requires padding prior to lining (due to rocky conditions) felt padding will be used.

8. HAZARDOUS CHEMICALS:

No chemicals subject to reporting under SARA title III in an amount equal to or greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

9. ANCILLARY FACILITIES

- A. No airstrips or camps are planned for this well.

10. WELLSITE LAYOUT

- A. Refer to attached well site plat for related topography cuts and fills and cross sections.
B. Refer to attached well site plat for rig layout and soil material stockpile location as approved on On-site.
C. Refer to attached well site plat for rig orientation, parking areas, and access road.

The reserve pit will be located on the Southwest corner of the location. The flare pit will be located downwind of the prevailing wind direction on the West side of the location, a minimum of 100 feet from the well head and 30 feet from the reserve pit fence.

The stockpiled location topsoil will be stored between Corners 2 and 4, as well as between Corners 5 and 6 of the location.

Access to the well pad will be from the North.

11. FENCING REQUIREMENTS:

All pits will be fenced according to the following minimum standards:

- A. Thirty-nine inch net wire shall be used with at least one strand of barbed wire on top of the net wire. (Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence).
- B. The net wire shall be no more than 2 inches above the ground. The barbed wire strand shall be 3 inches above the net wire. Total height of the fence shall be at least 42 inches.
- C. Corner posts shall be cemented and/or braced in such a manner as to keep the fence tight at all times.
- D. Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any two posts shall be no greater than 16 feet.
- E. All wire shall be stretched by using a stretching device before it is attached to the corner posts.

The reserve pit fencing will be on the three sides during drilling operations and on the fourth side when the rig moves off the location. Pits will be fenced and maintained until clean-up.

12. PLANS FOR RESTORATION OF SURFACE

A. PRODUCING LOCATION

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, equipment, debris, materials, trash, and junk not required for production.

Immediately upon well completion, any hydrocarbons on the pit shall be removed in accordance with CFR 3162.7-1.

If a plastic nylon reinforced liner is used, it shall be torn and perforated before backfilling of the reserve pit.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 12 months from the date of well completion. Before any dirt work takes place, the reserve pit will be completely dry and all cans, barrels, pipe, fluid, and hydrocarbons, will be removed.

Contact appropriate surface management agency for required seed mixture.

B. DRY HOLE/ABANDONED LOCATION

At such time as the well is plugged and abandoned, the operator will submit a subsequent report of abandonment and the BIA will attach the appropriate surface rehabilitation conditions of approval.

13. SURFACE OWNERSHIP

Access road: Tribal

Location: Tribal

14. **OTHER INFORMATION**

A. Dominion Exploration & Production, Inc. will inform all persons in the area who are associated with this project that they are subject to prosecution for knowingly disturbing historic or archaeological sites, or for collecting artifacts. If historic or archaeological materials are uncovered during construction, the operator will immediately stop work that might further disturb such materials, and contact the AO. Within five working days the AO will inform the operator as to:

- whether the materials appear eligible for the National Register of Historic Places;

- the mitigation measures the operator will likely have to undertake before the site can be used.

- a time frame for the AO to complete an expedited review under 36 CFR 800.11 to confirm, through the State Historic Preservation Officer, that the findings of the AO are correct and that mitigation is appropriate.

If the operator wished, at any time, to relocate activities to avoid the expense of mitigation and/or the delays associated with this process, the AO will assume responsibility for whatever recordation and stabilization of the exposed materials that may be required. Otherwise, the operator will be responsible for mitigation costs.

The AO will provide technical and procedural guidelines for the conduct of mitigation. Upon verification from the AO that required mitigation has been completed, the operator will then be allowed to resume construction.

B. As operator, Dominion Exploration & Production, Inc. will control noxious weeds along Right-of-Ways for roads, pipelines, well sites, or other applicable facilities. A list of noxious weeds will be obtained from the BIA, or the appropriate County Extension Office. On BIA administered land, a Pesticide Use proposal shall be submitted, and given approval, prior to the application of herbicides or other pesticides or possible hazardous chemicals.

C. Drilling rigs and/or equipment used during drilling operations on this well site will not be stacked or stored on Tribal Lands after the conclusion of drilling operations or at any other time without BIA authorization. However, if BIA authorization is obtained, it is only a temporary measure to allow time to make arrangements for permanent storage on commercial facilities. (The BIA does not seek to compete with private industry. There are commercial facilities available for stacking and storing drilling rigs.)

Additional Surface Stipulations

None

LESSEE'S OR OPERATOR'S REPRESENTATIVE

CONTACTS:

OPERATIONS

Mitchel Hall
P.O. Box 1360
Roosevelt, UT 84066
Telephone: (435) 722-4521
Fax : (435) 722-5004

PERMITTING

Ed Trotter
P.O. Box 1910
Vernal, UT 84078
Telephone: (435) 789-4120
Fax: (435) 789-1420

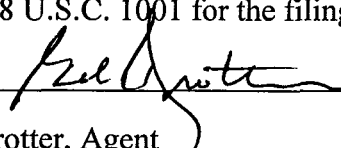
All lease or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approval plan of operations, and any applicable Notice to Lessees. Dominion Exploration & Production, Inc. is fully responsible for the actions of their subcontractors. A copy of these conditions will be furnished to the field representative to insure compliance.

A copy of the approved APD and ROW grant, if applicable, shall be on location during construction of the location and drilling activities.

CERTIFICATION:

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with operations proposed herein will be performed by Dominion Exploration & Production, Inc. and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

Date 8-7-2003

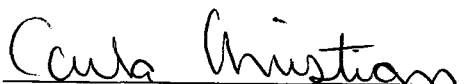

Ed Trotter, Agent

Dominion Exploration & Production, Inc.

SELF-CERTIFICATION STATEMENT

Under Federal regulation, effective June 15, 1988, designation of operator forms are no longer required when the operator is not the 100% record title holder. An operator is now required to submit a self-certification statement to the appropriate office stating that said operator has the right to operate upon the leasehold premises. Said notification may be in the following format:

Please be advised that **Dominion Exploration & Production, Inc.** is considered to be the operator of **Well No. 2-33F, Surface** location in the NE $\frac{1}{4}$ NE $\frac{1}{4}$ of **Section 33, T10S, R20E in Uintah County; Lease No. U-28203; Bottom** location is in the NW $\frac{1}{4}$ NE $\frac{1}{4}$ of **Section 33, T10S, R20E in Uintah County; Lease No. BIA 14-20-H62-4782,** and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by Travelers Casualty and Surety Company of America, Bond #76S 63050 0330.



Carla Christian

Regulatory Specialist

DOMINION EXPLR. & PROD., INC.

HCU #1-33F & #2-33F
LOCATED IN UINTAH COUNTY, UTAH
SECTION 33, T10S, R20E, S.L.B.&M.

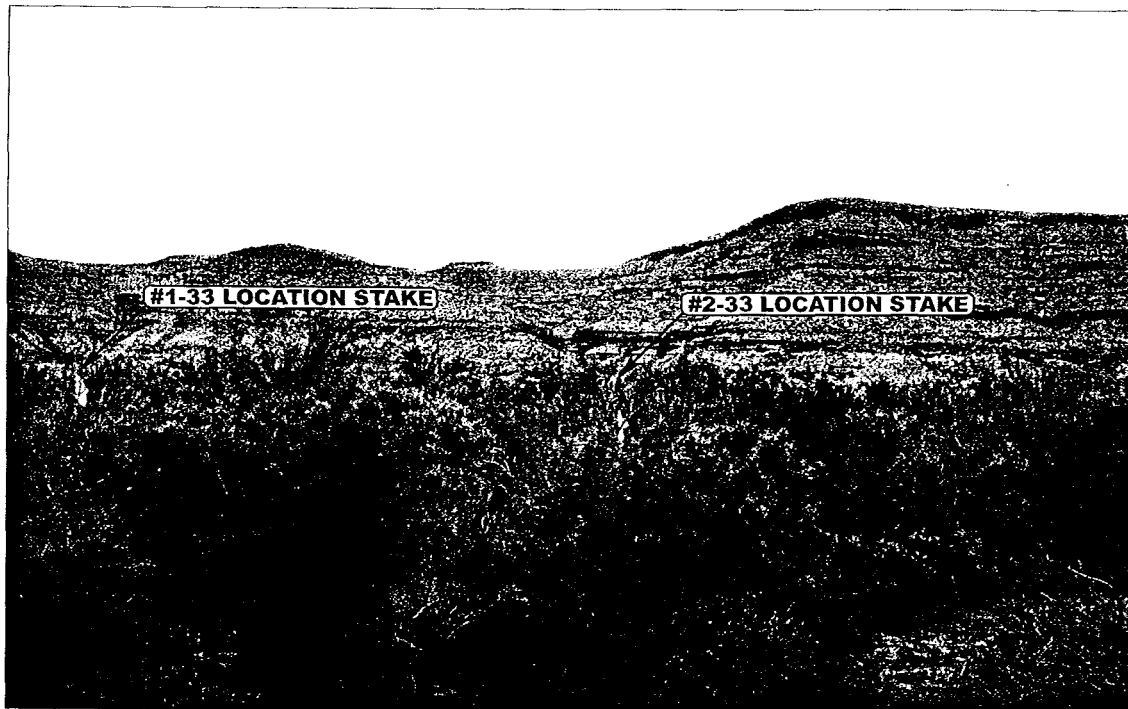


PHOTO: VIEW OF LOCATION STAKE

CAMERA ANGLE: WESTERLY

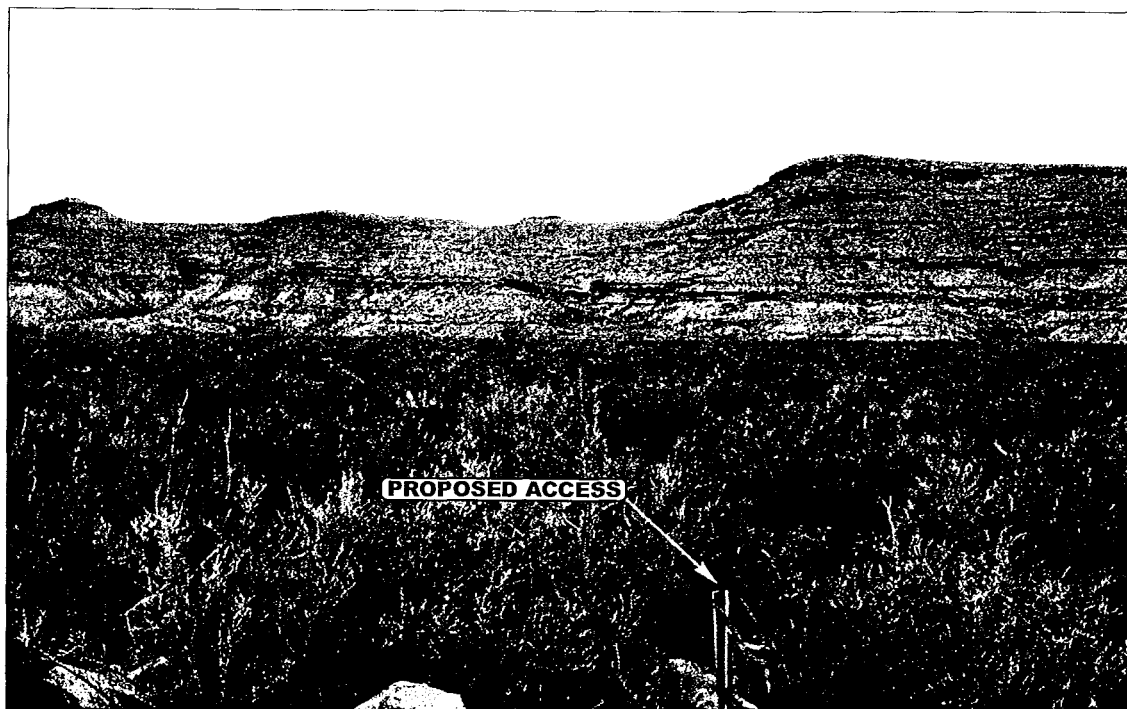


PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: WESTERLY



- Since 1964 -

UELS Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
435-789-1017 uels@uelsinc.com

LOCATION PHOTOS

9 30 02
MONTH DAY YEAR

PHOTO

TAKEN BY: K.K.

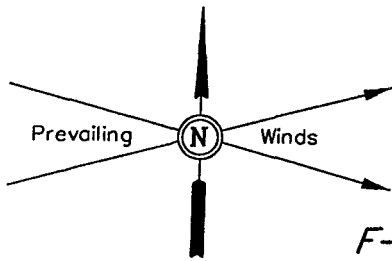
DRAWN BY: P.M.

REV: 4-30-03 J.L.G.

DOMINION EXPLR. & PROD., INC.

LOCATION LAYOUT FOR

HCU #1-33F & #2-33F
SECTION 33, T10S, R20E, S.L.B.&M.
NE 1/4 NE 1/4



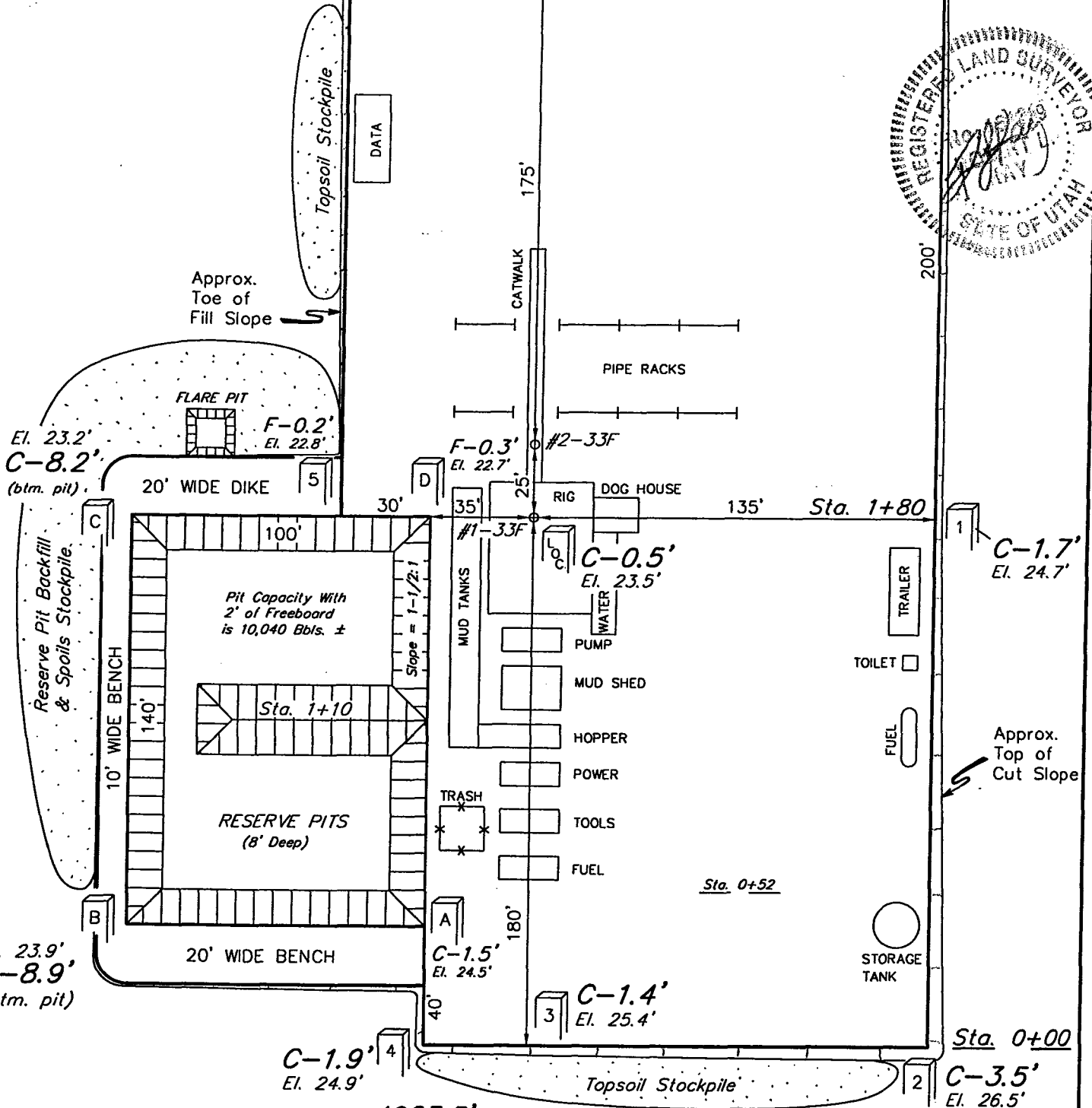
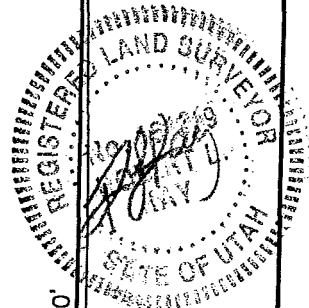
SCALE: 1" = 50'
DATE: 9-24-02
Drawn By: C.G.
Revised: 5-1-03

Proposed Access Road

F-1.8'
El. 21.2'

F-1.4'
El. 21.6'

C-0.3'
El. 23.3'
Sta. 3+80



Elev. Ungraded Ground at Location Stake = 4923.5'
Elev. Graded Ground at Location Stake = 4923.0'

UINTAH ENGINEERING & LAND SURVEYING
85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017

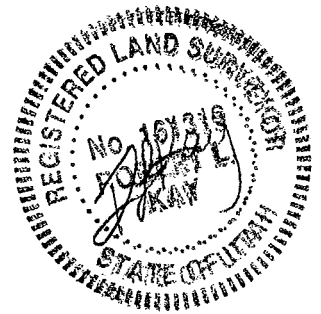
DOMINION EXPLR. & PROD., INC.

TYPICAL CROSS SECTIONS FOR

HCU #1-33F & #2-33F

SECTION 33, T10S, R20E, S.L.B.&M.

NE 1/4 NE 1/4

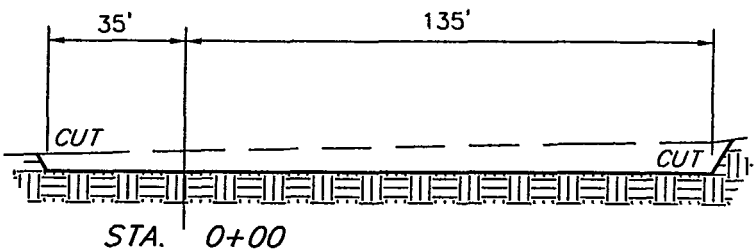
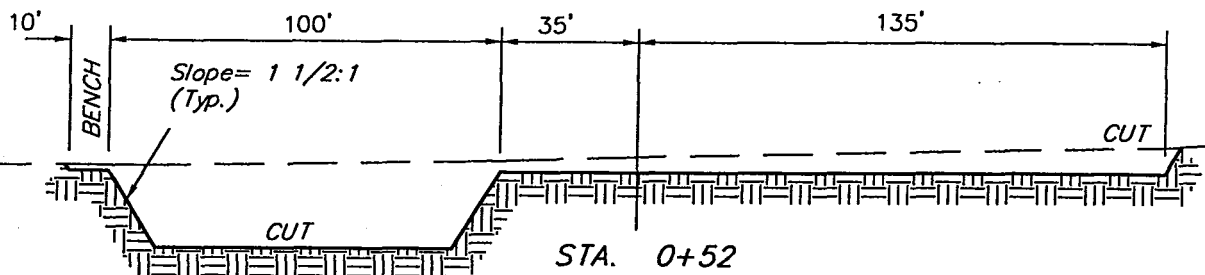
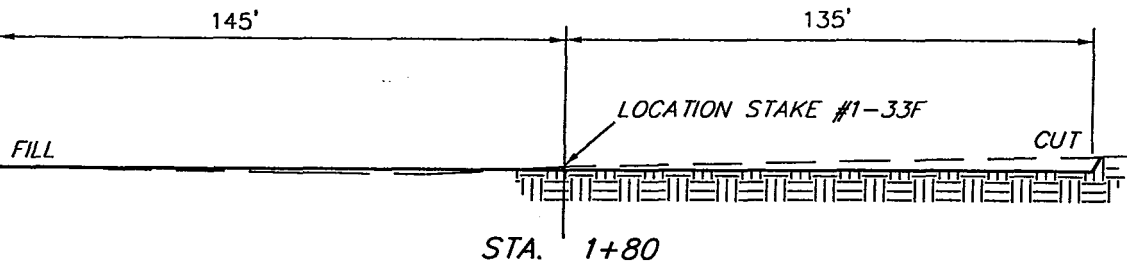
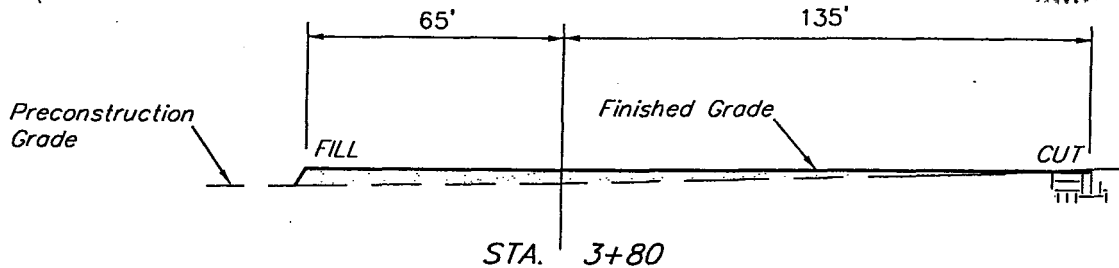


1" = 20'
X-Section
Scale
1" = 50'

DATE: 9-24-02

Drawn By: C.G.

Revised: 5-1-03



NOTE:

Topsoil should not be Stripped Below Finished Grade on Substructure Area.

APPROXIMATE YARDAGES

CUT

(12") Topsoil Stripping = 3,230 Cu. Yds.

Remaining Location = 4,010 Cu. Yds.

TOTAL CUT = 7,240 CU.YDS.

FILL = 1,940 CU.YDS.

EXCESS MATERIAL AFTER 5% COMPACTION

= 5,200 Cu. Yds.

Topsoil & Pit Backfill (1/2 Pit Vol.)

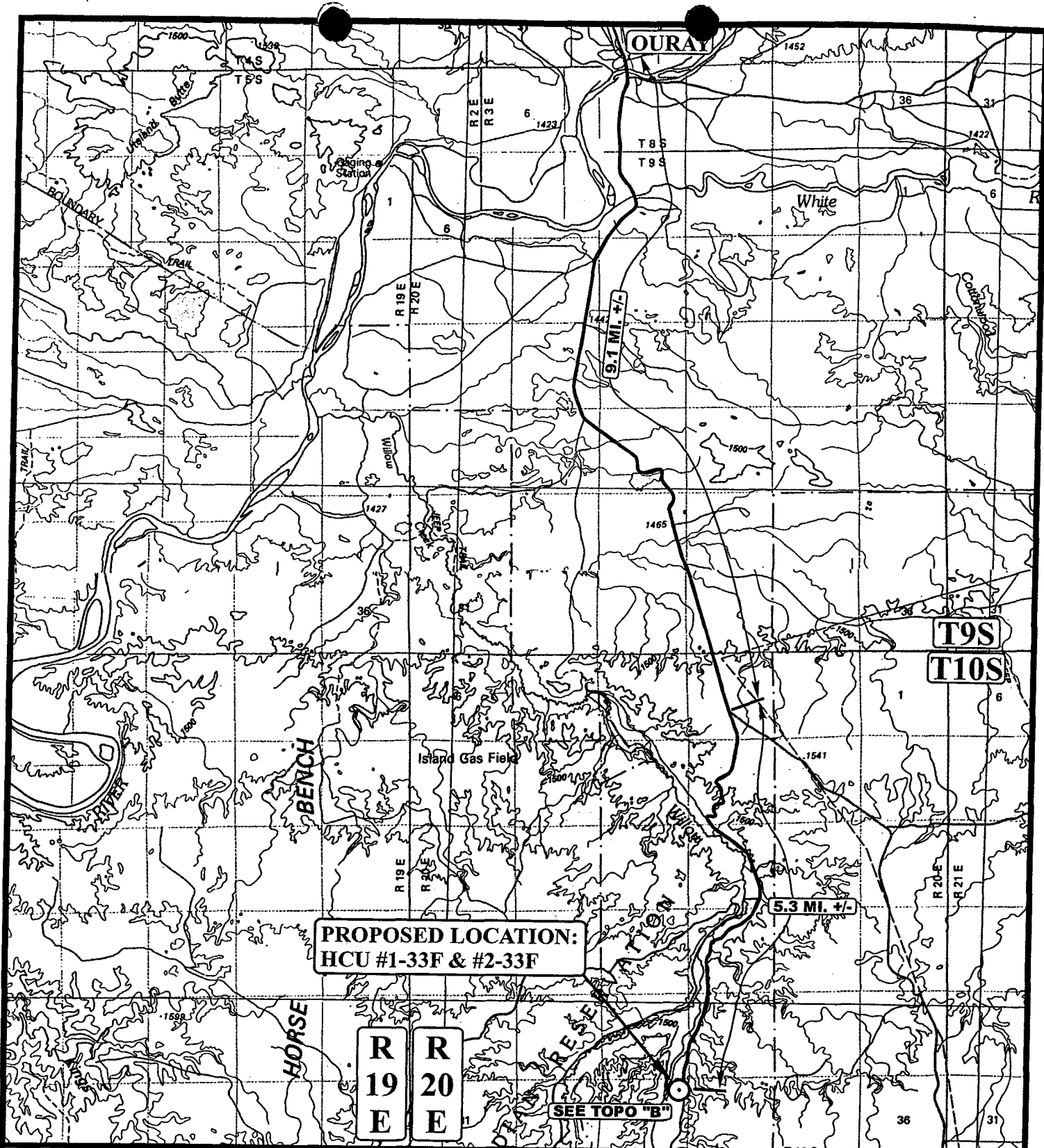
= 4,760 Cu. Yds.

EXCESS UNBALANCE (After Rehabilitation)

= 440 Cu. Yds.

UINTAH ENGINEERING & LAND SURVEYING

85 So. 200 East • Vernal, Utah 84078 • (435) 789-1017



LEGEND:

○ PROPOSED LOCATION



DOMINION EXPLR. & PROD., INC.

HCU #1-33F & #2-33F
SECTION 33, T10S, R20E, S.L.B.&M.
NE 1/4 NE 1/4



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

**TOPOGRAPHIC
MAP**

9 30 02
MONTH DAY YEAR

SCALE: 1:100,000 DRAWN BY: P.M. REV: 4-30-03 J.L.G.



R
20
E

OURAY 14.4 MI. +/-

PROPOSED ACCESS 100' +/-

PROPOSED LOCATION:
HCU #1-33F & #2-33F

T10S

T11S

LEGEND:

————— EXISTING ROAD
- - - - - PROPOSED ACCESS ROAD

DOMINION EXPLR. & PROD., INC.

HCU #1-33F #2-33F
SECTION 33, T10S, R20E, S.L.B.&M.
NE 1/4 NE 1/4



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

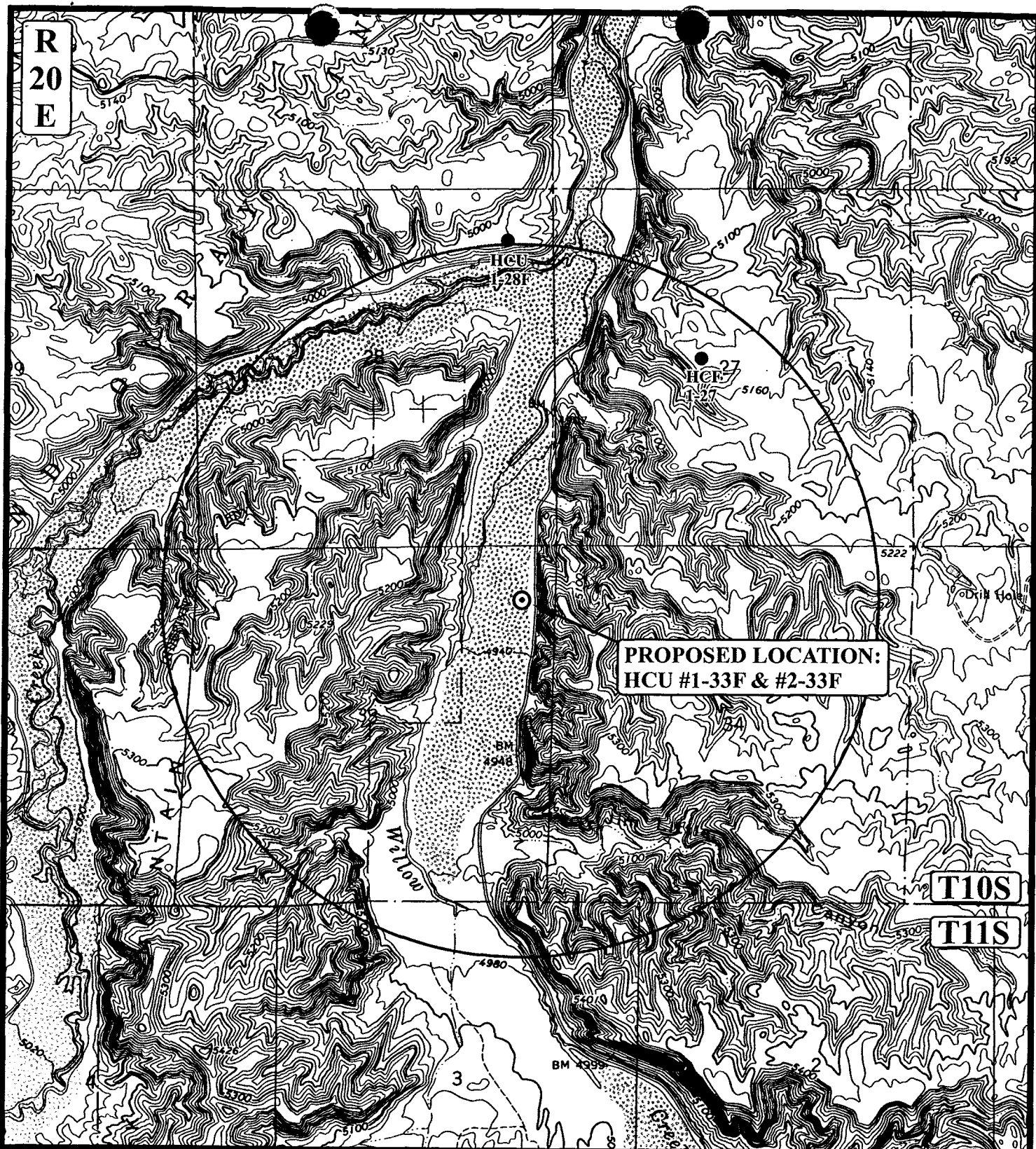


TOPOGRAPHIC
MAP

9 30 02
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REV: 4-30-03J.L.G.

B
TOPO



LEGEND:

- | | |
|-------------------|-------------------------|
| Ø DISPOSAL WELLS | ⊕ WATER WELLS |
| ● PRODUCING WELLS | ⊖ ABANDONED WELLS |
| ⊙ SHUT IN WELLS | ⊙ TEMPORARILY ABANDONED |

DOMINION EXPLR. & PROD., INC.

HCU #1-33F #2-33F
SECTION 33, T10S, R20E, S.L.B.&M.
NE 1/4 NE 1/4



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

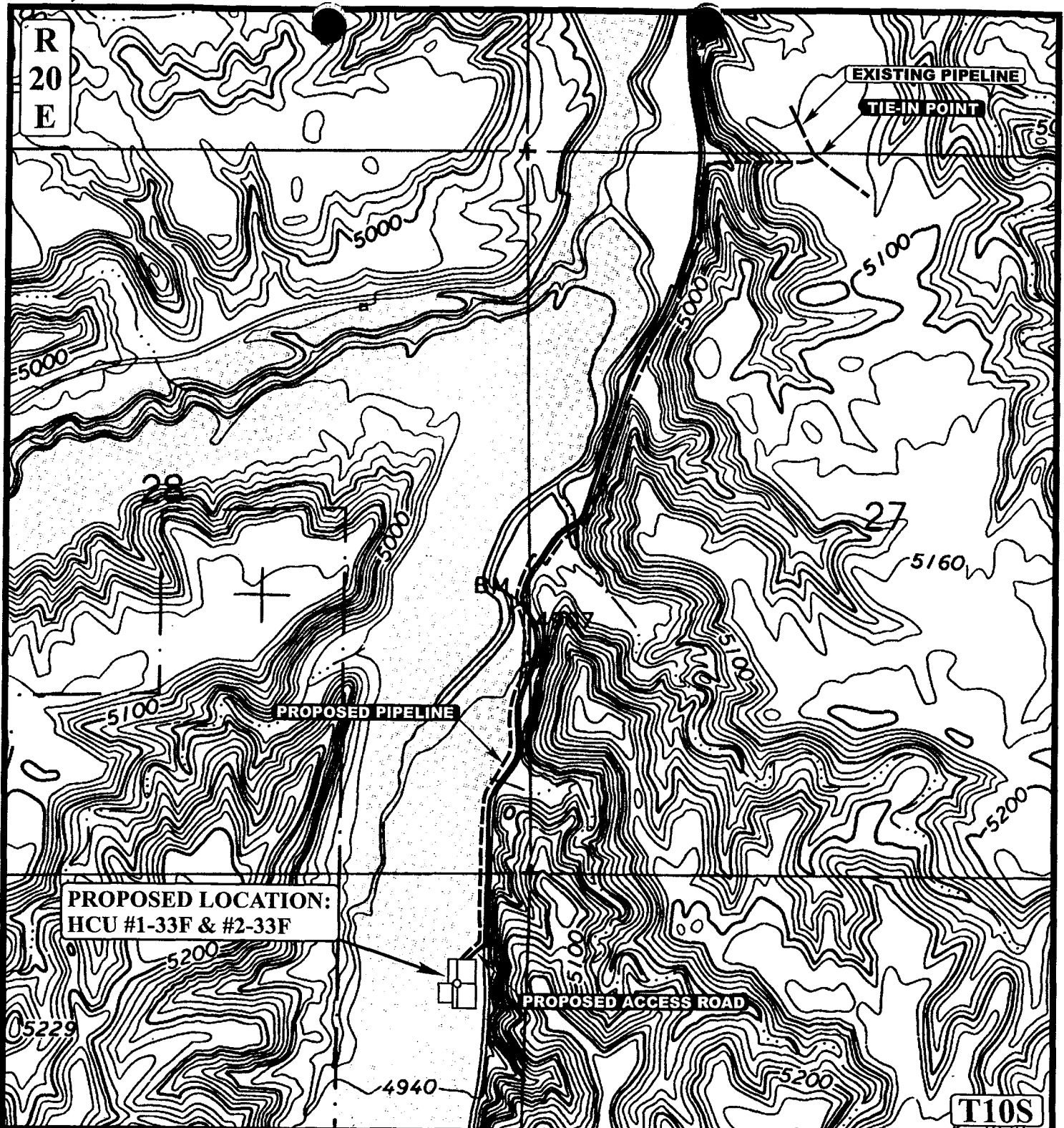


TOPOGRAPHIC
MAP

9 30 02
MONTH DAY YEAR

SCALE: 1" = 2000' DRAWN BY: P.M. REV: 4-30-03 J.L.G.





APPROXIMATE TOTAL PIPELINE DISTANCE = 7,150' +/-

LEGEND:

- PROPOSED ACCESS ROAD
- EXISTING PIPELINE
- PROPOSED PIPELINE



DOMINION EXPLR. & PROD., INC.

HCU #1-33F & #2-33F
SECTION 33, T10S, R20E, S.L.B.&M.
802' FNL 500' FEL



Uintah Engineering & Land Surveying
85 South 200 East Vernal, Utah 84078
(435) 789-1017 * FAX (435) 789-1813

TOPOGRAPHIC
MAP

9	30	02
MONTH	DAY	YEAR

SCALE: 1" = 1000' DRAWN BY: P.M. REV: 4-30-03 J.L.G.

D
TOPO

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 08/11/2003

API NO. ASSIGNED: 43-047-35137

WELL NAME: HCU 2-33F

OPERATOR: DOMINION EXPL & PROD (N1095)

CONTACT: CARLA CHRISTIAN

PHONE NUMBER: 405-749-1300

PROPOSED LOCATION:

NENE 33 100S 200E

SURFACE: 0777 FNL 0501 FEL

BOTTOM: 0700 FNL 1900 FEL NW/NE

UINTAH

NATURAL BUTTES (630)

LEASE TYPE: 1 - Federal

LEASE NUMBER: U-28203

SURFACE OWNER: 2 - Indian

PROPOSED FORMATION: MVRD

INSPECT LOCATN BY: / /

Tech Review

Initials

Date

Engineering

Geology

Surface

LATITUDE: 39.90907

LONGITUDE: 109.66151

RECEIVED AND/OR REVIEWED:

☒ Plat

☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. 76S630500330)

☒ Potash (Y/N)

☒ Oil Shale 190-5 (B) or 190-3 or 190-13

☒ Water Permit
(No. 43-10447)

☒ RDCC Review (Y/N)
(Date:)

☒ Fee Surf Agreement (Y/N)

LOCATION AND SITING:

R649-2-3.

Unit HILL CREEK

R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

R649-3-3. Exception

☒ Drilling Unit

Board Cause No: 197-11

Eff Date: 8-17-2000

Siting: 460' from unit boundary

☒ R649-3-11. Directional Drill

COMMENTS:

STIPULATIONS:

1- Federal approval

2- OIL SHALE

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office

P.O. Box 45155

Salt Lake City, Utah 84145-0155

IN REPLY REFER TO:

3160

(UT-922)

August 15, 2003

Memorandum

To: Assistant District Manager Minerals, Vernal District

From: Michael Coulthard, Petroleum Engineer

Subject: 2003 Plan of Development Hill Creek Unit,
Uintah County, Utah.

Pursuant to email between Diana Mason, Division of Oil, Gas and Mining, and Mickey Coulthard, Utah State Office, Bureau of Land Management. The following wells are planned for calendar year 2003 within the Hill Creek Unit, Uintah County, Utah.

Api Number	Well	Location
------------	------	----------

(Proposed PZ MesaVerde)

43-047-35130	HCU 11-27F Sec 27 T10S R20E 1599 FSL 1899 FWL	
43-047-35131	HCU 2-29F Sec 29 T10S R20E 0550 FNL 2456 FEL	
43-047-35132	HCU 9-30F Sec 30 T10S R20E 1606 FSL 0528 FEL	
43-047-35133	HCU 10-30F Sec 30 T10S R20E 2107 FSL 2201 FEL	
43-047-35134	HCU 1-31F Sec 31 T10S R20E 0611 FNL 1061 FEL	
43-047-35135	HCU 12-31F Sec 31 T10S R20E 1865 FSL 0609 FWL	
43-047-35136	HCU 5-32F Sec 32 T10S R20E 1618 FNL 0749 FWL	

43-047-35137	HCU 2-33F Sec 33 T10S R20E 0777 FNL 0501 FEL	
	BHL Sec 33 T10S R20E 0700 FNL 1900 FEL	

43-047-35138	HCU 4-34F Sec 34 T10S R20E 0564 FNL 1771 FWL	
	BHL Sec 34 T10S R20E 0700 FNL 0650 FWL	

43-047-35139	HCU 5-34F Sec 34 T10S R20E 0579 FNL 1792 FWL	
	BHL Sec 34 T10S R20E 2000 FNL 0750 FWL	

This office has no objection to permitting the wells at this time.

/s/ Michael L. Coulthard



State of Utah

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

1594 West North Temple, Suite 1210

PO Box 145801

Salt Lake City, Utah 84114-5801

(801) 538-5340 telephone

(801) 359-3940 fax

(801) 538-7223 TTY

www.nr.utah.gov

Michael O. Leavitt
Governor

Robert L. Morgan
Executive Director

Lowell P. Braxton
Division Director

August 18, 2003

Dominion Exploration & Production, Inc.
14000 Quail Springs Parkway, Suite 600
Oklahoma City, UT 73134

Re: Hill Creek Unit 2-33F Well, Surface Location 777' FNL, 501' FEL, NE NE, Sec. 33,
T. 10 South, R. 20 East, Bottom Location 700' FNL, 1900' FEL, NW NE, Sec. 33,
T. 10 South, R. 20 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-35137.

Sincerely,

John R. Baza
Associate Director

pab
Enclosures

cc: Uintah County Assessor
Bureau of Land Management, Vernal District Office

008

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of Work <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. U-28203 Surf./14-20-H62-4782 Btm.
1b. Type of Well: <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> SINGLE ZONE <input type="checkbox"/> MULTIPLE ZONE		6. If Indian, Allottee or Tribe Name Ute Indian Tribe
2. Name of Operator Dominion Exploration & Production, Inc.		7. If Unit or CA Agreement, Name and No. Hill Creek Unit
3a. Address 14000 Quail Spgs Parkway, Okla.City, OK 73134		8. Lease Name and Well No. HCU 2-33F
3b. Phone No. (include area code) 405-749-1300		9. API Number 43-047-35137
4. Location of Well (Report location clearly and in accordance with any state requirements.)* At surface 777' FNL & 501' FEL, NE/NE At proposed prod. zone 700' FNL & 1900' FEL, NW/NE		10. Field and Pool, or Exploratory Natural Buttes
14. Distance in miles and direction from nearest town or post office* 14.4 miles South of Ouray		11. Sec., T., R., M., or Blk and Survey or Area 33-10S-20E
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. unit line, if any) 700'	16. No. of Acres in lease 160	17. Spacing Unit dedicated to this well 40
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. NA	19. Proposed Depth 8,000	20. BLM/BIA Bond No. on file 76S 63050 0330
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 4924' GL	22. Approximate date work will start* 01-Feb-04	23. Estimated duration 45 days

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, shall be attached to this form:

1. Well plat certified by a registered surveyor.
2. A Drilling Plan.
3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
5. Operator certification.
6. Such other site specific information and/or plans as may be required by the authorized officer.

RECEIVED

JAN 22 2004

DIV. OF OIL, GAS & MINING

25. Signature <i>Carla Christian</i>	Name (Printed/Typed) Carla Christian	Date August 7, 2003
Title Regulatory Specialist		
Approved by (Signature) <i>Edwin J. Forsman</i>	Name (Printed/Typed) EDWIN J. FORSMAN	Date 1/15/04
Title Assistant Field Manager Mineral Resources	Office	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

NOTICE OF APPROVAL

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

CONDITIONS OF APPROVAL ATTACHED

Operator: Dominion Exploration & Production, Inc.
Well Name & Number Hill Creek Unit 2-33F
API Number: 43-047-35137
Lease: U-28203-Surface/14-20-H62-4782-Btm.

Surface Location: NE NE **Sec.** 33 **T.** 10 South **R.** 20 East
Bottom Location: NW NE **Sec.** 33 **T.** 10 South **R.** 20 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.
5. In accordance with Utah Admin. R.649-3-11, Directional Drilling, the operator shall submit a complete angular deviation and directional survey report to the Division within 30 days following completion of the well.
6. In accordance with Order in Cause No. 190-5(b) dated October 28, 1982, the Operator shall comply with requirements of Rules R649-3-31 and R649-3-27 pertaining to Designated Oil Shale Areas. Additionally, the operator shall ensure that the surface and/or production casing is properly cemented over the entire oil shale interval as defined by Rule R649-3-31. The Operator shall report the actual depth the oil shale is encountered to the Division.

CONDITIONS OF APPROVAL
APPLICATION FOR PERMIT TO DRILL

Company/Operator: Dominion Exploration & Production Inc.

Well Name & Number: HCU 2-33F

API Number: 43-047-35137

Lease Number: 14-20-H62-4782

Surface Location: NEN Sec. 33 TWN: 10S RNG: 20E
E

NSN
Bottom Hole Location: E Sec. 33 TWN: 10S RNG: 20E

Agreement: HILL CREEK UNIT

For more specific details on notification requirements, please check the Conditions of Approval for Notice to Drill and Surface Use Program.

CONDITIONS OF APPROVAL FOR NOTICE TO DRILL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Submit an electronic copy of all logs run on this well in LAS format. This submission will replace the requirement for submittal of paper logs to the BLM.

Be aware fire restrictions may be in effect when location is being constructed and/or when well is being drilled. Contact the appropriate Surface Management Agency for information.

A. DRILLING PROGRAM

1. Estimated Depth at Which Oil, Gas, Water, or Other Mineral Bearing Zones are Expected to be Encountered

Report ALL water shows and water-bearing sands to John Mayers of this office prior to setting the next casing string or requesting plugging orders. Faxed copies of State of Utah form OGC-8-X are acceptable. If noticeable water flows are detected, submit samples to this office along with any water analyses conducted.

All usable water and prospectively valuable minerals (as described by BLM at onsite) encountered during drilling will be recorded by depth and adequately protected. All oil and gas shows will be tested to determine commercial potential.

2. Pressure Control Equipment

The BOP and related equipment shall meet the minimum requirements of Onshore Oil and Gas Order No. 2 for equipment and testing requirements, procedures, etc., for a **3M** system and individual components shall be operable as designed. Chart recorders shall be used for all pressure tests.

Test charts, with individual test results identified, shall be maintained on location while drilling and shall be made available to a BLM representative upon request.

If an air compressor is on location and is being utilized to provide air for the drilling medium while drilling, the special drilling requirements in Onshore Oil and Gas Order No. 2, regarding air or gas drilling shall be adhered to. If a mist system is being utilized then the requirement for a deduster shall be waived.

3. Casing Program and Auxiliary Equipment

Surface casing shall have centralizers on the bottom three joints, with a minimum of one centralizer per joint. Surface casing setting depths are based on ground level elevations only.

As a minimum, the usable water shall be isolated and/or protected by having a cement top for the intermediate casing at least 200 ft. above the top of the Green River Formation, identified at \pm 520 (MD) ft and by having a cement top for the production casing at least 200 ft. the top of the Wasatch Formation at 4,300 (MD) ft. If gilsonite is encountered while drilling, it shall be isolated and/or protected via the cementing program.

4. Mud Program and Circulating Medium

Hazardous substances specifically listed by the EPA as a hazardous waste or demonstrating a characteristic of a hazardous waste will not be used in drilling, testing, or completion operations.

No chromate additives will be used in the mud system on Federal and Indian lands without prior BLM approval to ensure adequate protection of fresh water aquifers.

5. Coring, Logging and Testing Program

Daily drilling and completion progress reports shall be submitted to this office on a weekly basis.

All Drill Stem tests (DST) shall be accomplished during daylight hours, unless specific approval to start during other hours is obtained from the AO. However, DSTs may be allowed to continue at night if the test was initiated during daylight hours and the rate of flow is stabilized and if adequate lighting is available (i.e., lighting which is adequate for visibility and vapor proof for safe operations). Packers can be released, but tripping should not begin before daylight unless prior approval is obtained from the AO.

A cement bond log (CBL) will be run from the production casing shoe to top of the cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (Form 3160-4) will be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3164. Two copies of all logs, core descriptions, core analyses, well-test data, geologic summaries, sample description, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, will be filed with Form 3160-4. Samples (cuttings, fluids, and/or gases) will be submitted when requested by the AO.

6. Notifications of Operations

No location will be constructed or moved, no well will be plugged, and no drilling or workover equipment will be removed from a well to be placed in a suspended status without prior approval of the AO. If operations are to be suspended, prior approval of the AO will be obtained and notification given before resumption of operations.

Operator shall report production data to MMS pursuant to 30 CFR 216.5 using form MMS/3160.

Immediate Report: Spills, blowouts, fires, leaks, accidents, or any other unusual occurrences shall be promptly reported in accordance with the requirements of NTL-3A or its revision.

If a replacement rig is contemplated for completion operations, a "Sundry Notice" (Form 3160-5) to that effect will be filed, for prior approval of the AO, and all conditions of this approved plan are applicable during all operations conducted with the replacement rig. The date on which production is commenced or resumed will be construed for oil wells as the date on which liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which liquid hydrocarbons are first produced into a permanent storage facility, whichever first occurs; and, for gas wells as the date on which associated liquid hydrocarbons are first sold or shipped from a temporary storage facility, such as a test tank, and for which a run ticket is required to be generated or, the date on which gas is first measured through permanent metering facilities, whichever first occurs.

Should the well be successfully completed for production, the AO will be notified when the well is placed in a producing status. Such notification will be sent by telegram or other written communication, not later than five (5) days following the date on which the well is placed on production.

Gas produced from this well may not be vented or flared beyond an initial authorized test period of 30 days or 50 MMCF following its completion, whichever occurs first, without the prior written approval of the Authorized Officer. Should gas be vented or flared without approval beyond the authorized test period, the operator may be directed to shut-in the well until the gas can be captured or approval to continue venting or flaring as uneconomic is granted and the operator shall be required to compensate the lessor for that portion of the gas vented or flared without approval which is determined to have been avoidably lost.

A schematic facilities diagram as required by 43 CFR 3162.7-5(d) shall be submitted to the appropriate Field Office within 60 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with 43 CFR 3162.7-5 (1).

No well abandonment operations will be commenced without the prior approval of the AO. In the case of newly drilled dry holes or failures, and in emergency situations, oral approval will be obtained from the AO. A "Subsequent Report of Abandonment" Form 3160-5, will be filed with the AO within thirty (30) days following completion of the well for abandonment. This report will indicate where plugs were placed and the current status of surface restoration. Final abandonment will not be approved until the surface reclamation work required by the approved APD or approved abandonment notice has been completed to the satisfaction of the AO or his representative, or the appropriate Surface Managing Agency.

7. Other Information

All loading lines will be placed inside the berm surrounding the tank battery.

All off-lease storage, off-lease measurement, or commingling on-lease or off-lease will have prior written approval from the AO.

The oil and gas measurement facilities will be installed on the well location. The oil and gas meters will be calibrated in place prior to any deliveries and tested for meter accuracy at least quarterly thereafter. The AO will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports will be submitted to the Vernal District Office.

All meter measurement facilities will conform with Onshore Oil & Gas Order No. 4 for liquid hydrocarbons and Onshore Oil & Gas Order No. 5 for natural gas measurement.

The use of materials under BLM jurisdiction will conform to 43 CFR 3610.2-3.

There will be no deviation from the proposed drilling and/or workover program without prior approval from the AO. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned will be identified in accordance with 43 CFR 3162.

"Sundry Notice and Report on Wells" (Form 3160-5) will be filed for approval for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Section 102(b)(3) of the Federal Oil and Gas Royalty Management Act of 1982, as implemented by the applicable provisions of the operating regulations at Title 43 CFR 3162.4-1(c), requires that "not later than the 5th business day after any well begins production on which royalty is due anywhere on a lease site or allocated to a lease site, or resumes production in the case of a well which has been off production for more than 90 days, the operator shall notify the authorized officer by letter or sundry notice, Form 3160-5, or orally to be followed by a letter or sundry notice, of the date on which such production has begun or resumed."

If you fail to comply with this requirement in the manner and time allowed, you shall be liable for a civil penalty of up to \$10,000 per violation for each day such violation continues, not to exceed a maximum of 20 days. See Section 109(c)(3) of the Federal Oil and Gas Royalty Management Act of 1982 and the implementing regulations at Title 43 CFR 3162.4-1(b)(5)(ii).

APD approval is valid for a period of one (1) year from the signature date. An extension period may be granted, if requested, prior to the expiration of the original approval period.

In the event after-hours approvals are necessary, you must contact one of the following individuals:

Ed Forsman, Petroleum Engineer (435) 828-7874

Kirk Fleetwood, Petroleum Engineer (435) 828-7875

BLM FAX Machine (435) 781-4410

EPA'S LIST OF NONEXEMPT EXPLORATION AND PRODUCTION WASTES

While the following wastes are nonexempt, they are not necessarily hazardous.

Unused fracturing fluids or acids

Gas plant cooling tower cleaning wastes

Painting wastes

Oil and gas service company wastes, such as empty drums, drum rinsate, vacuum truck rinsate, sandblast media, painting wastes, spent solvents, spilled chemicals, and waste acids

Vacuum truck and drum rinsate from trucks and drums, transporting or containing nonexempt waste

Refinery wastes

Liquid and solid wastes generated by crude oil and tank bottom reclaimers

Used equipment lubrication oils

Waste compressor oil, filters, and blowdown

Used hydraulic fluids

Waste solvents

Waste in transportation pipeline-related pits

Caustic or acid cleaners

Boiler cleaning wastes

Boiler refractory bricks

Incinerator ash

Laboratory wastes

Sanitary wastes

Pesticide wastes

Radioactive tracer wastes

Drums, insulation and miscellaneous solids

**SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)**

Dominion Exploration and Production, Inc. (Dominion) will assure the Ute Tribe that any/all contractors and subcontractors have acquired a current Tribal Business License and have updated "Access Permits" prior to construction. All Dominion personnel, contractors and subcontractors will have these permits in their vehicles at all times. Companies that have not complied with this COA will be in violation of the Ute Tribal Business License Ordinance, and will be subject to fines and penalties.

Dominion employees, representatives, and/or authorized personnel (subcontractors) shall not carry firearms on their person or in their vehicles while working on the Uintah and Ouray Indian Reservation.

Dominion employees and/or authorized personnel (subcontractors) in the field will have approved applicable APDs and/or ROW permits/authorizations on their person(s) during all phases of construction.

Dominion will notify the Ute Tribe and Bureau of Indian Affairs (BIA) in writing of any requested modification of APDs or Rights-Of Way (ROW). Dominion shall receive written notification of authorization or denial of the requested modification. Without authorization, Dominion will be subject to fines and penalties.

The Ute Tribe Energy & Minerals Department shall be notified in writing 48 hours in advance of any construction activity. The Ute Tribal office is open Monday through Thursday. A Tribal Technician is to routinely monitor construction. Dominion shall make arrangements with the Ute Energy & Minerals Department for all monitoring that will exceed regular working hours for Tribal Technicians. A qualified archaeologist accompanied by a Tribal Technician will monitor any trenching construction of the pipeline.

A corridor ROW, 30 feet wide and 4386 feet long, shall be granted by BIA for the pipeline and the existing access road for the Hill Creek Unit 1-33F will be used to reach the pad.

Culverts and diversion ditches will be placed and constructed where needed. Road base gravel will be used where sandy soils make roadways and the drilling location hazardous for access or drilling operations.

Upon completion of the pertinent APD and ROWs, Dominion will notify the Ute Tribe Energy & Minerals Department for a Tribal Technician to verify the Affidavit of Completion.

Production waters, oil, and other byproducts shall not be placed on access roads or the well pad.

All vehicular traffic, personnel movement, construction and restoration operations will be confined to the areas examined and approved and to the existing roadways and/or evaluated access routes.

Dominion will implement "Safety and Emergency Plan" and ensure plan compliance.

Dominion shall stop construction activities and notify personnel from the Ute Tribe Energy & Minerals Department and BIA if cultural remains including paleontology resources (vertebrate fossils) are exposed or identified during construction. The Ute Tribe Department of Cultural Rights and Protection and the BIA will provide mitigation measures prior to allowing construction.

Dominion employees and/or authorized personnel (subcontractors) will not be allowed to collect artifacts and paleontology fossils. No significant cultural resources shall be disturbed.

Dominion will control noxious weeds on the well site and ROWs. Dominion will be responsible for noxious weed control if weeds spread from the project area onto adjoining land.

Reserve pits will be lined with an impervious synthetic liner. A fence will be constructed around the reserve pit until it is backfilled. Prior to backfilling the reserve pit, all fluids will be pumped from the pit into trucks and hauled, to approved disposal sites. When the reserve pits are backfilled, the surplus oil and mud, etc., will be buried a minimum of 3 feet below the surface of the soil.

A closed system will be used during production. This means that production fluids will be contained in leak-proof tanks. All production fluids will be disposed of at approved disposal sites.

Surface pipelines will be constructed to lay on the soil surface. The pipeline portion of the ROW will not be bladed or cleared of vegetation without authorization of the BIA. Surface pipelines shall be welded in place at well sites or on access roads. They shall be pulled into place and assembled with suitable equipment. Vehicles shall not use pipeline ROWs as access roads unless specifically authorized.

Buried pipelines shall be buried a minimum of 3 feet below the soil surface. After construction is completed the disturbed area shall be contoured to blend into the natural landscape and be reseeded between September 15 and November 1 of the year following construction with perennial vegetation seed mixture provided by the BIA or Ute Tribe.

Before the site is abandoned, Dominion will be required to restore the well site and ROWs to near their original state. The disturbed areas will be reseeded with desirable perennial vegetation.

Soil erosion will be mitigated, by reseeding all disturbed areas.



FAX COVER

009

To: Utah Division of Oil, Gas & Mining

Company : Utah Division of Oil, Gas & Mining

Fax Number : 18013593940

From : Terri Potter

Company : Dominion Exploration & Production

Fax Number : (405) 749-6657

Subject : HCU 2-33F

TIOS R20E SEC-33 43-047-35/37

Pages including cover page: 2

Date : 6/30/2004

Time : 1:51:16 PM

E-mail Address: Terri_R_Potter@dom.com

Phone Number: (405) 749-5256

RECEIVED
JUN 30 2004
DIV. OF OIL, GAS & MINING



WELL CHRONOLOGY REPORT

RECEIVED
JUN 30 2004

DIV. OF OIL, GAS & MINING

WELL NAME : HCU 2-33F

DISTRICT : ONSHORE WEST

FIELD : NATURAL BUTTES 630

Event No: 1

LOCATION : 777 FNL 501 FEL SEC 33 T 10S R 20E

COUNTY & STATE : UTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 401066

API # : 43-047-35137

PLAN DEPTH : 8,321 SPUD DATE :

DHC : \$498,500

CWC : \$473,500

AFE TOTAL : \$972,000

FORMATION : TVD WASATCH

EVENT DC : \$326,995

EVENT CC : \$0

EVENT TC : \$326,995

WELL TOTL COST : \$330,325

REPORT DATE: 06/23/04

MD : 175

TVD : 175

DAYS : 0

MW :

VISC :

DAILY : DC : \$0

CC : \$0

TC : \$0

CUM : DC : \$17,441

CC : \$0

TC : \$17,441

DAILY DETAILS : DRILL SURFACE HOLE W/AIR RIG DRILLED TO 510', SET CSG @ 477.8 VERBAL APPROVAL GIVEN FOR SHORTENED CSG SETTING DEPTH BY KIRK FLEETWOOD @ 1705 6-22-04 RAN 11 JTS 13 3/8 48# H-80 STC 477.7' CEMENTED W/460 SX PREM CMT 15.6 PPG, 1.18 YIELD, 5.2 GAL/SK WATER 2% CACL₂, 25#/SK FLOCELE 175 SX PREM. CMT FOR TOP OUT-15.6 PPG, 1.18 YIELD, 5.2 GAL/SK WATER W/2% CACL₂, 25#/SK FLOCELE 37 BBLs CMT TO SURFACE

REPORT DATE: 06/24/04

MD : 477

TVD : 477

DAYS : 1

MW :

VISC :

DAILY : DC : \$0

CC : \$0

TC : \$0

CUM : DC : \$41,903

CC : \$0

TC : \$41,903

DAILY DETAILS : FINISH RIGGING UP RIG UP DIVERTER SYSTEM PICK UP DIRECTIONAL BHA

REPORT DATE: 06/25/04

MD : 1,351

TVD : 1,299

DAYS : 2

MW : 8.4

VISC : 26

DAILY : DC : \$0

CC : \$0

TC : \$0

CUM : DC : \$76,800

CC : \$0

TC : \$76,800

DAILY DETAILS : M/U DIR. TOOLS P/U BHA DRILL CMT-FLOAT EQUIPT. @ 477' NOTIFIED KIRK FLEETWOOD W/BLM OF INTENT TO SPUD ON 6-22-04 DRILL 477-1351

REPORT DATE: 06/26/04

MD : 2,585

TVD : 0

DAYS : 3

MW : 8.4

VISC : 26

DAILY : DC : \$20,698

CC : \$0

TC : \$20,698

CUM : DC : \$134,467

CC : \$0

TC : \$134,467

DAILY DETAILS : DRILL 1351-1623 SERVICE RIG DRILL 1623-2585

REPORT DATE: 06/27/04

MD : 2,836

TVD : 2,535

DAYS : 4

MW : 8.4

VISC : 26

DAILY : DC : \$0

CC : \$0

TC : \$0

CUM : DC : \$234,126

CC : \$0

TC : \$234,126

DAILY DETAILS : DRILL 2585-2836 CIRC SWEEP POOH L/D DRILL COLLARS R/U CSG CREW RUN CSG-66 JTS 9 5/8 2825.25, SET AT 2825 9 5/8 36# J-55 STC 8 RD CIRC PRIOR TO CMT CEMENT JOB-320SX LEAD 10.5 PPG, 4.17 YIELD, 26.27 WATER/STANDARD CBM W/LITE BLEND, 25#/SK FLOCELE, 10#SK GILSONITE TAIL - 245 SX PREM AG-300 15.8 PPG, 1.15 YIELD, 5 WATER W/2% CACL₂, 25#/SK FLOCELE 70 BBLs CEMENT BACK, FULL RETURNS WHOLE JOB N/D DIVERTER N/U BOP TEST BOP 1 BAD CHOKE MAN. VALVE-WILL CHANGE AND RETEST MON. 6-28-04, BLM ON LOC FOR TEST J. SPARGER W/BLM M/U BHA

REPORT DATE: 06/28/04

MD : 3,135

TVD :

DAYS : 5

MW : 8.4

VISC : 26

DAILY : DC : \$0

CC : \$0

TC : \$0

CUM : DC : \$252,354

CC : \$0

TC : \$252,354

DAILY DETAILS : M/U TEST BHA AND MWD REPLACE MOTOR ON TRIPLEX PUMP-MOTOR BLOWN TRIP IN HOLE P/U DRILL PIPE DRILL CMT-FLOAT EQUIPT. FIT 180 PSI 9.765 EMW DRILL 2836-3135

REPORT DATE: 06/29/04

MD : 4,469

TVD : 4,149

DAYS : 6

MW : 8.4

VISC : 26

DAILY : DC : \$0

CC : \$0

TC : \$0

CUM : DC : \$292,081

CC : \$0

TC : \$292,081

DAILY DETAILS : DRILL 3135-3417 SERVICE RIG DRILL 3417-4469

REPORT DATE: 06/30/04

MD : 5,675

TVD : 5,205

DAYS : 7

MW : 8.4

VISC : 26

DAILY : DC : \$0

CC : \$0

TC : \$0

CUM : DC : \$326,995

CC : \$0

TC : \$326,995

DAILY DETAILS : DRILL 4479-4628 CIRC SWEEP PRIOR TO POOH FOR BHA POOH L/D MWD AND DIR TOOLS M/U BIT # 3 P/U MOTOR AND TIH W/BHA CUT DRILL LINE 70" TIH DRILL 4628-4910 INSTALL ROTATING HEAD DRILL 4910-5068 SURVEY @ 5025 1.5 DEG 187 DIR DRILL 5068-5575 CIRC PRIOR TO SURVEY SURVEY @ 5525 1.5 DEG 197 DIR DRILL 5575-5675

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 6

011

ENTITY ACTION FORM

Operator: Dominion Exploration & Production, Inc. Operator Account Number: N 1095
Address: 14000 Quail Springs Parkway, Suite 600
city Oklahoma City
state Ok zip 73134 Phone Number: (405) 749-1300

Well 1

API Number	Well Name		QQ	Sec	Twp	Rng	County
43-047-35137	HCU 2-33F		NENE	33	10S	20E	Uintah
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
A	99999	12829	6/22/2004		7/8/04		
Comments: <u>MVRD</u>							

K

Well 2

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

Well 3

API Number	Well Name		QQ	Sec	Twp	Rng	County
Action Code	Current Entity Number	New Entity Number	Spud Date		Entity Assignment Effective Date		
Comments:							

ACTION CODES:

- A - Establish new entity for new well (single well only)
- B - Add new well to existing entity (group or unit well)
- C - Re-assign well from one existing entity to another existing entity
- D - Re-assign well from one existing entity to a new entity
- E - Other (Explain in 'comments' section)

Carla Christian

Name (Please Print)

Carla Christian

Signature

Regulatory Specialist

6/29/2004

Title

Date

RECEIVED

JUL 06 2004

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENTFORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

010

SUNDRY NOTICES AND REPORTS ON WELLS
*Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.***SUBMIT IN TRIPLICATE - Other instructions on reverse side.**

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U-28203
2. Name of Operator DOMINION EXPL. & PROD., INC.		6. If Indian, Allottee or Tribe Name
3a. Address 14000 QUAIL SPRINGS PARKWAY, SUITE 600 OKLAHOMA CITY, OK 73134		7. If Unit or CA/Agreement, Name and/or No.
3b. Phone No. (include area code) Ph: 405.749.5263 Fx: 405.749.6690		8. Well Name and No. HCU 2-33F
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 33 T10S R20E NENE 777FNL 501FEL		9. API Well No. 43-047-35137
		10. Field and Pool, or Exploratory NATURAL BUTTES
		11. County or Parish, and State UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Drilling Operations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

Spud well 6/22/04. 6/22/04 ran 11 jts. 13 3/8", 48#, H-80, ST&C, 8rd csg., set @ 478'. Cemented lead w/460 sks Prem, weight 15.6 ppg, yield 1.18 cuft/sk. Top out w/175 sks Prem, 15.6 ppg, yield 1.18 cuft/sk, 37 bbls cmt. to surface. Verbal approval received f/Kirk Fleetwood for new csg setting depth. 6/26/04 ran 66 jts. 9 5/8", 36#, J-55, ST&C, 8rd csg., set @ 2825'. Cemented lead w/320 sks CBM Lite, weight 10.5 ppg, yield 4.17 cuft/sk, tailed w/245 sks Prem AG300, weight 15.8 ppg, yield 1.15 cuft/sk, 70 bbls cmt. back to surface.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #32483 verified by the BLM Well Information System For DOMINION EXPL. & PROD., INC., sent to the Vernal	
Name (Printed/Typed) CARLA CHRISTIAN	Title AUTHORIZED REPRESENTATIVE
Signature <i>Carla Christian</i> (Electronic Submission)	Date 06/29/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office _____		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****

JUL 06 2004

DIV. OF OIL, GAS & MINING



Dominion

FAX COVER

012

To: Utah Division of Oil, Gas & Mining

Company : Utah Division of Oil, Gas & Mining

Fax Number : 18013593940

From : Terri Potter

Company : Dominion Exploration & Production

Fax Number : (405) 749-6657

Subject : HCU 2-33F

T105 R20F SEC-33

43-049-35137

Pages including cover page: 2

Date : 7/8/2004

Time : 1:06:18 PM

E-mail Address: Terri_R_Potter@dom.com

Phone Number: (405) 749-5256

RECEIVED
JUL 08 2004
DIV. OF OIL, GAS & MINING



WELL CHRONOLOGY REPORT

WELL NAME : HCU 2-33F

Event No: 1

DISTRICT: ONSHORE WEST

FIELD: NATURAL BUTTES 630

LOCATION: 777 FNL 501 FEL SEC 33 T 10S R 20E

COUNTY & STATE: UTAH

UT

CONTRACTOR:

WI %: 100.00 AFE #: 401066

API #: 43-047-35137

PLAN DEPTH: 8,321 SPUD DATE:

DHC: \$498,500

CWC: \$473,500

AFE TOTAL: \$972,000

FORMATION: TVD WASATCH

EVENT DC: \$543,513

EVENT CC: \$0

EVENT TC: \$543,513

WELL TOTL COST: \$546,843

REPORT DATE: 07/01/04

MD: 5,675

TVD: 5,205

DAYS: 8

MW: 9

VISC: 26

DAILY: DC: \$0

CC: \$0

TC: \$0

CUM: DC: \$361,604

CC: \$0

TC: \$361,604

DAILY DETAILS: DRILL 5675-6080 SURVEY @ 6005' MD 5684 TVD 2.0 DEG 162 AZ DRILL 6080-6144 SERVICE RIG DRILL 6144 - 6555 SURVEY @ 6485 MD 6164 TVD 2.5 DEG 162 AZ DRILL 6555 - 7030 SURVEY @ 6960 MD 6639 TVD 2.5 DEG 190 AZ

REPORT DATE: 07/02/04

MD: 8,045

TVD: 8,043

DAYS: 9

MW: 9.5

VISC: 26

DAILY: DC: \$0

CC: \$0

TC: \$0

CUM: DC: \$387,389

CC: \$0

TC: \$387,389

DAILY DETAILS: DRILL 7030-7316 SERVICE RIG DRILL 7316-7537 SURVEY @ 7460 2.5 DEG 170 AZ DRILL 7537-8045

REPORT DATE: 07/03/04

MD: 8,457

TVD: 8,065

DAYS: 10

MW: 9.8

VISC: 41

DAILY: DC: \$0

CC: \$0

TC: \$0

CUM: DC: \$410,011

CC: \$0

TC: \$410,011

DAILY DETAILS: DRILL 8045-8235 SERVICE RIG DRILL 8235-8457 CIRC 20 STD SHORT TRIP NO HOLE TROUBLES CIRC POOH TO LOG

REPORT DATE: 07/04/04

MD: 8,457

TVD: 8,065

DAYS: 11

MW:

VISC:

DAILY: DC: \$94,138

CC: \$0

TC: \$94,138

CUM: DC: \$506,717

CC: \$0

TC: \$506,717

DAILY DETAILS: RUN E-LOGS W/BAKER ATLAS TIH CIRC CLEAN HOLE PRIOR TO LDDP LDDP-BHA PULL WEAR BUSHING RUN 5.5 PRODUCTION CSG, RAN 205 JTS, 8446.61' SET AT 8457' N-80, 17.0#/STC 8 RD

REPORT DATE: 07/05/04

MD: 8,457

TVD: 8,065

DAYS: 12

MW:

VISC:

DAILY: DC: \$0

CC: \$0

TC: \$0

CUM: DC: \$542,243

CC: \$0

TC: \$542,243

DAILY DETAILS: CMT CSG W/ HALLIBURTON LEAD-85 SX HI-FILLW/16% GEL, .6% EX-1, 3% SALT, (BWOC) 1% HR-7, .25#/SK FLOCELE, 10# SK GILSONITE, 11.6PPG, 3.12 YIELD, 17.83 W/RQ TAIL-725 SX HLC TYPE V W/65/35 POZ, 6% GEL, 3% KCL (BWOW), 1% EX-1, .6% HALAD-322, .2% HR-5 13.0PPG, 1.69 YIELD, 8.81 W/RQ RIG DOWN HALLIBURTON CLEAN MUD TANKS, PUMP THRU MUD LINES, RINSE OUT PUMPS RIG DOWN RIG

REPORT DATE: 07/06/04

MD: 8,457

TVD: 8,065

DAYS: 13

MW:

VISC:

DAILY: DC: \$0

CC: \$0

TC: \$0

CUM: DC: \$543,513

CC: \$0

TC: \$543,513

DAILY DETAILS: CLEAN RIG -RIG DOWN INSPECT PIPE



FAX COVER

013

To: Utah Division of Oil, Gas & Mining

Company : Utah Division of Oil, Gas & Mining

Fax Number : 18013593940

From : Terri Potter

Company : Dominion Exploration & Production

Fax Number : (405) 749-6657

Subject : HCU 2-33F

T/O S R20E SEC-33 43-047-35/37

Pages including cover page: 2

Date : 7/21/2004

Time : 1:18:14 PM

E-mail Address: Terri_R_Potter@dom.com

Phone Number: (405) 749-5256

RECEIVED

JUL 21 2004

DIV. OF OIL, GAS & MINING

**WELL CHRONOLOGY REPORT****WELL NAME : HCU 2-33F**

Event No: 1

DISTRICT : ONSHORE WEST

FIELD : NATURAL BUTTES 630

LOCATION : 777 FNL 501 FEL SEC 33 T 10S R 20E

COUNTY & STATE : UINTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # : 401066

API # : 43-047-35137

PLAN DEPTH : 8,321 SPUD DATE :

DHC : \$498,500

CWC : \$473,500

AFE TOTAL : \$972,000

FORMATION : TVD WASATCH

EVENT DC : \$543,513

EVENT CC : \$11,620

EVENT TC : \$555,133

WELL TOTL COST : \$558,463

REPORT DATE: 07/17/04

MD : 8,457

TVD : 8,065

DAYS : 14

MW :

VISC :

DAILY : DC : \$0

CC : \$0

TC : \$0

CUM : DC : \$543,513

CC : \$11,620

TC : \$555,133

DAILY DETAILS : MIRU SCHLUMBERGER WIRE LINE AND ACTION HOT OIL SERVICE. RUN CMT BOND LOG UNDER 1000#
PRESSURE F/ PBTD @ 8386' KB TO 1500' KB. CMT TOP @ 1700' KB. POOH W/ WIRE LINE, AND PRESSURE TEST
CSG TO 5000#, HELD GOOD. RIH AND PERFORATE INTERVAL #1.

RECEIVED**JUL 21 2004**

DIV. OF OIL, GAS & MINING



FAX COVER

014

To: Utah Division of Oil, Gas & Mining

Company : Utah Division of Oil, Gas & Mining

Fax Number : 18013593940

From : Terri Potter

Company : Dominion Exploration & Production

Fax Number : (405) 749-6657

Subject : HCU 2-33F

T10S R20E SEC 33 43-042-35137

Pages including cover page: 2

Date : 7/29/2004

Time : 11:08:42 AM

E-mail Address: Terri_R_Potter@dom.com

Phone Number: (405) 749-5256

RECEIVED

JUL 29 2004

DIV OF OIL, GAS & MINING

**WELL CHRONOLOGY REPORT****WELL NAME : HCU 2-33F**

Event No: 99

DISTRICT : ONSHORE WEST

FIELD : NATURAL BUTTES 630

LOCATION : 777 FNL 501 FEL SEC 33 T 10S R 20E

COUNTY & STATE : UINTAH

UT

CONTRACTOR :

WI % : AFE # :

API # : 43-047-35137

PLAN DEPTH : 8,321 SPUD DATE :

DHC : CWC :

AFE TOTAL :

FORMATION : TVD WASATCH

EVENT DC: \$0

EVENT CC: \$100,755

EVENT TC: \$100,755

WELL TOTL COST: \$655,888

REPORT DATE: 07/28/04

MD : 0

TVD : 0

DAYS :

MW :

VISC :

DAILY : DC :

CC :

TC :

CUM : DC: \$0

CC : \$100,755

TC : \$100,755

DAILY DETAILS : MOVED IN AND SET NATCO 400 BBL. TANK SN# 857940106. SET PESCO DEHY/SEPERATOR SN# 213912. SET METER HOUSE WITH 2" METER RUN. TIED METER RUN TO 4" SALES LINE. RUN 2" SCH. 80 FROM DEHY TO METER RUN. RUN 2" AND 1/2 SCH. 80 FROM WELLHEAD TO SEPERATOR. RUN 2" SCH. 80 BLOW LINE WITH 1/2 FUEL GAS LINE FROM SEPERATOR TO 400 BBL. TANK. PUT 33'X33'X35" TANK RING AROUND TANK. RU TOTAL FLOW GAS METER, FILLED DEHY AND SEPERATOR WITH 50/50 TEG. TRACED ALL LINES WITH 1/2 COPPER, INSULATED LINES, WELL READY TO PUT ON PRODUCTION, PUT 1-33F BACK TOGETHER AND ON PRODUCTION.

RECEIVED**JUL 29 2004**

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

015

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

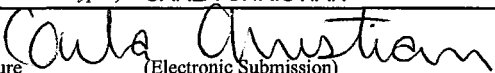
1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U-28203
2. Name of Operator DOMINION EXPL. & PROD., INC.		6. If Indian, Allottee or Tribe Name
Contact: CARLA CHRISTIAN E-Mail: Carla_M_Christian@dom.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 14000 QUAIL SPRINGS PARKWAY, SUITE 600 OKLAHOMA CITY, OK 73134	3b. Phone No. (include area code) Ph: 405.749.5263 Fx: 405.749.6690	8. Well Name and No. HCU 2-33F
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 33 T10S R20E NENE 777FNL 501FEL		9. API Well No. 43-047-35137
		10. Field and Pool, or Exploratory NATURAL BUTTES
		11. County or Parish, and State UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Drilling Operations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

7/04/04 ran 205 jts. 5 1/2", 17#, N-80, ST&C 8rd csg., set @ 8457'. Cemented lead w/85 sks Hi-Fil, 11.6 ppg, yield 3.12 cuft/sk, tailed w/725 sks HLC Type V w/65/35 Poz, 13.0 ppg, yield 1.69 cuft/sk. Rig down. As of 7/29/04 WOCU.

14. I hereby certify that the foregoing is true and correct. Electronic Submission #33757 verified by the BLM Well Information System For DOMINION EXPL. & PROD., INC., sent to the Vernal	
Name (Printed/Typed) CARLA CHRISTIAN	Title AUTHORIZED REPRESENTATIVE
Signature  (Electronic Submission)	Date 07/29/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED**

RECEIVED
AUG 02 2004

BUREAU OF OIL, GAS & MINING



Dominion

FAX COVER

016

To: Utah Division of Oil, Gas & Mining

Company : Utah Division of Oil, Gas & Mining

Fax Number : 18013593940

From : Terri Potter

Company : Dominion Exploration & Production

Fax Number : (405) 749-6657

Subject : HCU 2-33F

43.047.35137

T.10S, R.20E, S.33

Pages including cover page: 2

Date : 8/19/2004

Time : 11:19:46 AM

E-mail Address: Terri_R_Potter@dom.com

Phone Number: (405) 749-5256

RECEIVED
AUG 19 2004
DIV. OF OIL, GAS & MINING

**WELL CHRONOLOGY REPORT****WELL NAME : HCU 2-33F**

Event No: 2

DISTRICT : ONSHORE WEST

FIELD : NATURAL BUTTES 630

LOCATION : 777 FNL 501 FEL SEC 33 T 10S R 20E

COUNTY & STATE : UINTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # :

API # : 43-047-35137

PLAN DEPTH : 8,321 SPUD DATE :

DHC :

CWC :

AFE TOTAL :

FORMATION : TVD WASATCH

EVENT DC: \$0

EVENT CC: \$0

EVENT TC: \$0

WELL TOTL COST: \$813,395

REPORT DATE: 08/12/04

MD : 0

TVD : 0

DAYS :

MW :

VISC :

DAILY : DC :

CC :

TC :

CUM : DC: \$0

CC : \$0

TC : \$0

DAILY DETAILS : MIRU PLS WL RIW WITH 1.750 BLIND BOX TAG FILL AT 8083 ROOH RD WL SIW SDFN 950.00

REPORT DATE: 08/14/04

MD : 0

TVD : 0

DAYS :

MW :

VISC :

DAILY : DC :

CC :

TC :

CUM : DC: \$0

CC : \$0

TC : \$0

DAILY DETAILS : OPEN WELL TO PIT ON 18/64 CHOKE AT 6:00 PM, FCP 3800 PSI, PUMPED 2746 BBLs. FRAC FLUID.

REPORT DATE: 08/15/04

MD : 0

TVD : 0

DAYS :

MW :

VISC :

DAILY : DC :

CC :

TC :

CUM : DC: \$0

CC : \$0

TC : \$0

DAILY DETAILS : WELL FLOWING TO PIT ON 18/64 CHOKE, FCP 650 PSI, WELL BRINGING BACK HEAVY FLUID, WILL NO BURN.

REPORT DATE: 08/16/04

MD : 0

TVD : 0

DAYS :

MW :

VISC :

DAILY : DC :

CC :

TC :

CUM : DC: \$0

CC : \$0

TC : \$0

DAILY DETAILS : WELL FLOWING TO PIT ON 18/64 CHOKE FCP 950 PSI, PUT WELL ON PRODUCTION AT 5:00 AM ON 16/64 CHOKE.

REPORT DATE: 08/17/04

MD : 0

TVD : 0

DAYS :

MW :

VISC :

DAILY : DC :

CC :

TC :

CUM : DC: \$0

CC : \$0

TC : \$0

DAILY DETAILS : MADE 1162 MCF, 0 OIL, 126 WTR, FCP 1270, SLP 129, 24/64 CHOKE.

REPORT DATE: 08/18/04

MD : 0

TVD : 0

DAYS :

MW :

VISC :

DAILY : DC :

CC :

TC :

CUM : DC: \$0

CC : \$0

TC : \$0

DAILY DETAILS : MADE 1467 MCF, 13 OIL, 62 WTR, FCP 1171, SLP 158, 17/64 CHOKE.

RECEIVED
AUG 19 2004
DIV. OF OIL, GAS & MINING



Dominion

017

FAX COVER

To: Utah Division of Oil, Gas & Mining

Company : Utah Division of Oil, Gas & Mining

Fax Number : 18013593940

From : Terri Potter

Company : Dominion Exploration & Production

Fax Number : (405) 749-6657

Subject : HCU 2-33F

T10S R20E S-33

43-047-35/37

Pages including cover page: 2

Date : 8/25/2004

Time : 2:46:00 PM

E-mail Address: Terri_R_Potter@dom.com

Phone Number: (405) 749-5256

RECEIVED
AUG 26 2004
DIV. OF OIL, GAS & MINING

**WELL CHRONOLOGY REPORT****WELL NAME : HCU 2-33F**

Event No: 2

DISTRICT : ONSHORE WEST

FIELD : NATURAL BUTTES 630

LOCATION : 777 FNL 501 FEL SEC 33 T 10S R 20E

COUNTY & STATE : UINTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # :

API # : 43-047-35137

PLAN DEPTH : 8,321 SPUD DATE :

DHC :

CWC :

AFE TOTAL :

FORMATION : TVD WASATCH

EVENT DC: \$0

EVENT CC: \$0

EVENT TC: \$0

WELL TOTL COST: \$813,395

REPORT DATE: 08/19/04 MD: 0 TVD: 0 DAYS: MW: VISC:
DAILY: DC: CC: TC: CUM: DC: \$0 CC: \$0 TC: \$0
DAILY DETAILS: MADE 945 MCF, 0 OIL, 0 WTR, FCP 1602, SLP 136, 17/64 CHOKE.

REPORT DATE: 08/20/04 MD: 0 TVD: 0 DAYS: MW: VISC:
DAILY: DC: CC: TC: CUM: DC: \$0 CC: \$0 TC: \$0
DAILY DETAILS: MADE 1193 MCF, OIL, WTR, FCP 1251, SLP 146, 17/64 CHKE.

REPORT DATE: 08/21/04 MD: 0 TVD: 0 DAYS: MW: VISC:
DAILY: DC: CC: TC: CUM: DC: \$0 CC: \$0 TC: \$0
DAILY DETAILS: MADE 1241 MCF, 10 OIL, 28 WTR, FCP 1201, SLP 153, 17/64 CHOKE.

REPORT DATE: 08/22/04 MD: 0 TVD: 0 DAYS: MW: VISC:
DAILY: DC: CC: TC: CUM: DC: \$0 CC: \$0 TC: \$0
DAILY DETAILS: MADE 1204 MCF, 3 OIL, 16 WTR, 1083 FCP, SLP 161, 17/64 CHOKE.

REPORT DATE: 08/23/04 MD: 0 TVD: 0 DAYS: MW: VISC:
DAILY: DC: CC: TC: CUM: DC: \$0 CC: \$0 TC: \$0
DAILY DETAILS: MADE 1171 MCF, 10 OIL, 31 WTR, FCP 1059, SLP 170, 17/64 CHOKE.

REPORT DATE: 08/24/04 MD: 0 TVD: 0 DAYS: MW: VISC:
DAILY: DC: CC: TC: CUM: DC: \$0 CC: \$0 TC: \$0
DAILY DETAILS: MADE 1132 MCF, 0 OIL, 25 WTR, FCP 1017, SLP 128, 17/64 CHOKE.

REPORT DATE: 08/25/04 MD: 0 TVD: 0 DAYS: MW: VISC:
DAILY: DC: CC: TC: CUM: DC: \$0 CC: \$0 TC: \$0
DAILY DETAILS: MADE 1083 MCF, 11 OIL, 16 WTR, FCP 1017, SLP 140, 17/64 CHOKE.

RECEIVED
AUG 26 2004
DIV. OF OIL, GAS & MINING



Dominion

FAX COVER

018

To: Utah Division of Oil, Gas & Mining

Company : Utah Division of Oil, Gas & Mining

Fax Number : 18013593940

From : Terri Potter

Company : Dominion Exploration & Production

Fax Number : (405) 749-6657

Subject : HCU 2-33F

T105 R20E S33 43-040-35137

Pages including cover page: 2

Date : 9/1/2004

Time : 2:20:28 PM

E-mail Address: Terri_R_Potter@dom.com

Phone Number: (405) 749-5256

RECEIVED

SEP 01 2004

DIV. OF OIL, GAS & MINING

**WELL CHRONOLOGY REPORT****WELL NAME : HCU 2-33F**

Event No: 2

DISTRICT : ONSHORE WEST

FIELD : NATURAL BUTTES 630

LOCATION : 777 FNL 501 FEL SEC 33 T 10S R 20E

COUNTY & STATE : UTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # :

API # : 43-047-35137

PLAN DEPTH : 8,321 SPUD DATE :

DHC :

CWC :

AFE TOTAL :

FORMATION : TVD WASATCH

EVENT DC: \$0

EVENT CC: \$0

EVENT TC: \$0

WELL TOTL COST: \$813,395

REPORT DATE: 08/26/04 MD: 0 TVD: 0 DAYS: MW: VISC:
DAILY: DC: CC: TC: CUM: DC: \$0 CC: \$0 TC: \$0
DAILY DETAILS: MADE 960 MCF, 8 OIL, 25 WTR, FCP 974, SLP 128, 17/64 CHOKE.

REPORT DATE: 08/27/04 MD: 0 TVD: 0 DAYS: MW: VISC:
DAILY: DC: CC: TC: CUM: DC: \$0 CC: \$0 TC: \$0
DAILY DETAILS: MADE 960 MCF, 7 OIL, 15 WTR, FCP 1002, SLP 132, 17/64 CHOKE.

REPORT DATE: 08/28/04 MD: 0 TVD: 0 DAYS: MW: VISC:
DAILY: DC: CC: TC: CUM: DC: \$0 CC: \$0 TC: \$0
DAILY DETAILS: MADE 885 MCF, 3 OIL, 15 WTR, FCP 1000, SLP 164, 17/64 CHOKE.

REPORT DATE: 08/29/04 MD: 0 TVD: 0 DAYS: MW: VISC:
DAILY: DC: CC: TC: CUM: DC: \$0 CC: \$0 TC: \$0
DAILY DETAILS: MADE 813 MCF, 8 OIL, 15 WTR, FCP 962, SLP 187, 17/64 CHOKE.

REPORT DATE: 08/30/04 MD: 0 TVD: 0 DAYS: MW: VISC:
DAILY: DC: CC: TC: CUM: DC: \$0 CC: \$0 TC: \$0
DAILY DETAILS: MADE 885 MCF, 3 OIL, 25 WTR, FCP 814, SLP 172, 17/64 CHOKE.

REPORT DATE: 08/31/04 MD: 0 TVD: 0 DAYS: MW: VISC:
DAILY: DC: CC: TC: CUM: DC: \$0 CC: \$0 TC: \$0
DAILY DETAILS: made 767 mcf, 13 oil, 54 wtr, fcp 697, slp 168, 17/64 choke.

REPORT DATE: 09/01/04 MD: 0 TVD: 0 DAYS: MW: VISC:
DAILY: DC: CC: TC: CUM: DC: \$0 CC: \$0 TC: \$0
DAILY DETAILS: MADE 705 MCF, OIL, WTR, FCP 871, SLP 150, 17/64 CHOKE.

RECEIVED

SEP 01 2004

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0135
Expires: November 30, 2000

020

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side.

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. U-28203
2. Name of Operator DOMINION EXPL. & PROD., INC.		6. If Indian, Allottee or Tribe Name
Contact: CARLA CHRISTIAN E-Mail: Carla_M_Christian@dom.com		7. If Unit or CA/Agreement, Name and/or No.
3a. Address 14000 QUAIL SPRINGS PARKWAY, SUITE 600 OKLAHOMA CITY, OK 73134	3b. Phone No. (include area code) Ph: 405.749.5263 Fx: 405.749.6690	8. Well Name and No. HCU 2-33F
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Sec 33 T10S R20E NENE 777FNL 501FEL		9. API Well No. 43-047-35137
		10. Field and Pool, or Exploratory NATURAL BUTTES
		11. County or Parish, and State UINTAH COUNTY, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other Drilling Operations
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

8/14/04 perf'd and frac'd well. First sales 8/15/04.

RECEIVED

SEP 07 2004

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct. Electronic Submission #35361 verified by the BLM Well Information System For DOMINION EXPL. & PROD., INC., sent to the Vernal	
Name (Printed/Typed) CARLA CHRISTIAN	Title AUTHORIZED REPRESENTATIVE
Signature <i>Carla Christian</i> (Electronic Submission)	Date 08/30/2004

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____	Title _____	Date _____
Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.		
Office _____		

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ** OPERATOR-SUBMITTED ****



Dominion

FAX COVER

019

To: Utah Division of Oil, Gas & Mining

Company : Utah Division of Oil, Gas & Mining

Fax Number : 18013593940

From : Terri Potter

Company : Dominion Exploration & Production

Fax Number : (405) 749-6657

Subject : HCU 2-33F

T/O S R20E S-33 43-049-35139

Pages including cover page: 2

Date : 9/8/2004

Time : 1:43:30 PM

E-mail Address: Terri_R_Potter@dom.com

Phone Number: (405) 749-5256



WELL CHRONOLOGY REPORT

WELL NAME : HCU 2-33F

Event No: 2

DISTRICT : ONSHORE WEST

FIELD : NATURAL BUTTES 630

LOCATION : 777 FNL 501 FEL SEC 33 T 10S R 20E

COUNTY & STATE : UINTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # :

API # : 43-047-35137

PLAN DEPTH : 8,321 SPUD DATE :

DHC :

CWC :

AFE TOTAL :

FORMATION : TVD WASATCH

EVENT DC: \$0

EVENT CC: \$0

EVENT TC: \$0

WELL TOTL COST: \$813,395

REPORT DATE: 09/02/04

MD : 0

TVD : 0

DAYS :

MW :

VISC :

DAILY : DC :

CC :

TC :

CUM : DC: \$0

CC : \$0

TC : \$0

DAILY DETAILS : MADE 903 MCF, 6 OIL, 52 WTR, FCP 753, SLP 374, 17/64 CHOKE, CHANGED CHOKE TO 18/64.

REPORT DATE: 09/03/04

MD : 0

TVD : 0

DAYS :

MW :

VISC :

DAILY : DC :

CC :

TC :

CUM : DC: \$0

CC : \$0

TC : \$0

DAILY DETAILS : MADE 952 MCF, 6 OIL, 45 WTR, FCP 597, SLP 145, 18/64 CHOKE.

REPORT DATE: 09/04/04

MD : 0

TVD : 0

DAYS :

MW :

VISC :

DAILY : DC :

CC :

TC :

CUM : DC: \$0

CC : \$0

TC : \$0

DAILY DETAILS : MADE 931 MCF, 5 OIL, 31 WTR, FCP 604, SLP 175, 18/64 CHOKE.

REPORT DATE: 09/05/04

MD : 0

TVD : 0

DAYS :

MW :

VISC :

DAILY : DC :

CC :

TC :

CUM : DC: \$0

CC : \$0

TC : \$0

DAILY DETAILS : MADE 906 MCF, 11 OIL, 26 WTR, FCP 607, SLP 170, 18/64 CHOKE.

REPORT DATE: 09/06/04

MD : 0

TVD : 0

DAYS :

MW :

VISC :

DAILY : DC :

CC :

TC :

CUM : DC: \$0

CC : \$0

TC : \$0

DAILY DETAILS : MADE 895 MCF, 1 OIL, 47 WTR, FCP 531, SLP 167, 18/64 CHOKE.

REPORT DATE: 09/07/04

MD : 0

TVD : 0

DAYS :

MW :

VISC :

DAILY : DC :

CC :

TC :

CUM : DC: \$0

CC : \$0

TC : \$0

DAILY DETAILS : MADE 871 MCF, OIL, WTR, FCP 559, SLP 173, 17/64 CHOKE.

REPORT DATE: 09/08/04

MD : 0

TVD : 0

DAYS :

MW :

VISC :

DAILY : DC :

CC :

TC :

CUM : DC: \$0

CC : \$0

TC : \$0

DAILY DETAILS : MADE 847 MCF, OIL, WTR, FCP 498, SLP 154, 18/64 CHOKE.



Dominion

FAX COVER

021

To: Utah Division of Oil, Gas & Mining

Company : Utah Division of Oil, Gas & Mining

Fax Number : 18013593940

From : Terri Potter

Company : Dominion Exploration & Production

Fax Number : (405) 749-6657

Subject : HCU 2-33F

T105 R20E S-33

APP# 43-047-35137

Pages including cover page: 2

Date : 9/15/2004

Time : 3:05:12 PM

E-mail Address: Terri_R_Potter@dom.com

Phone Number: (405) 749-5256

RECEIVED

SEP 15 2004

DIV. OF OIL, GAS & MINING

**WELL CHRONOLOGY REPORT****WELL NAME : HCU 2-33F**

Event No: 2

DISTRICT : ONSHORE WEST

FIELD : NATURAL BUTTES 630

LOCATION : 777 FNL 501 FEL SEC 33 T 10S R 20E

COUNTY & STATE : UTAH

UT

CONTRACTOR :

WI % : 100.00 AFE # :

API # : 43-047-35137

PLAN DEPTH : 8,321 SPUD DATE :

DHC :

CWC :

AFE TOTAL :

FORMATION : TVD WASATCH

EVENT DC : \$0

EVENT CC : \$0

EVENT TC : \$0

WELL TOTL COST: \$813,395

REPORT DATE: 09/09/04

MD : 0

TVD : 0

DAYS :

MW :

VISC :

DAILY : DC :

CC :

TC :

CUM : DC : \$0

CC : \$0

TC : \$0

DAILY DETAILS : MADE 180 MCF, 0 OIL, 0 WTR, FCP 571, SLP 137, 18/64 CHOKE, MIRU W/O RIG FOR C/O 5 HRS. RUN TIME.

REPORT DATE: 09/10/04

MD : 0

TVD : 0

DAYS :

MW :

VISC :

DAILY : DC :

CC :

TC :

CUM : DC : \$0

CC : \$0

TC : \$0

DAILY DETAILS : FINISH C/O PLUGS LAND TBG. RU FLOWLINE RETURN TO SALES AT 7:30 PM, MADE 353 MCF, 0 OIL, 12 WTR, FTP 736, SLP 180, 18/64 CHOKE, 7.5 HRS. RUN TIME.

REPORT DATE: 09/11/04

MD : 0

TVD : 0

DAYS :

MW :

VISC :

DAILY : DC :

CC :

TC :

CUM : DC : \$0

CC : \$0

TC : \$0

DAILY DETAILS : MADE 1152 MCF, 0 OIL, 54 WTR, FTP 305, SICP 689, SLP 192, 24/64 CHOKE.

REPORT DATE: 09/12/04

MD : 0

TVD : 0

DAYS :

MW :

VISC :

DAILY : DC :

CC :

TC :

CUM : DC : \$0

CC : \$0

TC : \$0

DAILY DETAILS : MADE 1206 MCF, 0 OIL, 72 WTR, FTP 241, SICP 551, SLP 203, 48/64 CHOKE.

REPORT DATE: 09/13/04

MD : 0

TVD : 0

DAYS :

MW :

VISC :

DAILY : DC :

CC :

TC :

CUM : DC : \$0

CC : \$0

TC : \$0

DAILY DETAILS : MADE 1163 MCF, 0 OIL, 52 WTR, FTP 194, SICP 504, SLP 153, 48/64 CHOKE.

REPORT DATE: 09/14/04

MD : 0

TVD : 0

DAYS :

MW :

VISC :

DAILY : DC :

CC :

TC :

CUM : DC : \$0

CC : \$0

TC : \$0

DAILY DETAILS : MADE 1103 MCF, OIL, WTR, FTP 196, SICP 480, SLP 170, 48/64 CHOKE.

FINAL REPORT

RECEIVED
SEP 15 2004
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

CONFIDENTIAL

FORM APPROVED
OMB NO. 1004-0137
Expires: November 30, 2000

022

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

14-20-H62-4782

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Otherb. Type of Completion: ☒ New Well ☐ Work Over ☐ Deepen ☐ Diff. Resvr.

Other

2. Name of Operator

Dominion Exploration & Production, Inc.

3. Address

14000 Quail Springs Parkway - Ste. 600 - Okla. City, OK 73134

3a. Phone No. (include area code)

405-749-1300

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface

At top prod. interval reported below

777' FNL & 501' FEL

At total depth

700' FNL & 1000' FEL 845 FNL 1896 FEL - FR DIR SURVEY

14. Date Spudded

6/22/2004

15. Date T.D. Reached

7/2/2004

16. Date Completed

☐ D&A☒ Ready to prod.

8/15/2004

18. Total Depth: MD 8457'

TVD 8135'

19. Plug Back T.D.: MD 8386'

TVD 8065'

20. Depth Bridge Plug Set: MD

TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)

Dual/Micro Laterolog, Comp. Z-Densilog, Comp. Neutron
Gamma Ray/Caliper Log, Cement Bond Log22. Was well cored? ☒ No ☐ Yes (Submit analysis)Was DST run? ☒ No ☐ Yes (Submit report)Directional Survey? ☐ No ☒ Yes (Submit copy)

23. Casing and Liner Record (Report all string set in well)

Hole Size	Size/Grade	Wt. (#/ft)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/4"	13 3/8"	48#	Surface	478'		635 Sks		Surface	
12 1/4"	9 5/8"	36#	Surface	2825'		565 sks		Surface	
7 7/8"	5 1/2"	17#	Surface	8457'		810 Sks		Est. TOC 1700'	

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	8111'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mesaverde	8105'	8162'	(8105- 14, 8116- 30, 8137-54 8157- 62)		54	Open
B) Mesaverde	7930'	8031'	(7930- 36, 7942- 52, 8005- 22 8026- 31)		57	Open
C) Mesaverde	7768'	7844'	7768- 80, 7806- 14, 7818- 27 7837- 44)		61	Open
D) Mesaverde	7672'	7689'	7672- 89		52	Open
E) Mesaverde	7511'	7574'	7511- 21, 7522- 28, 7548- 74		51	Open
F) Uteland Buttes/Mesaverde	7097'	7246'	7097- 01, 7237- 46		62	Open

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Depth Interval	Amount and Type of Material
8105' - 8162'	Frac w/47,864# 20/40 PR6000 Sand, w/313.4 Mscf of N2 and 632 bbls YF 120ST.
7930' - 8031'	Frac w/28,096# 20/40 Ottawa Sand, w/174.0 Mscf of N2 and 351 bbls YF 120ST.
7768' - 7844'	Frac w/52,352# 20/40 Ottawa Sand, w/203.9 Mscf of N2 and 487 bbls YF 120ST.
7672' - 7689'	Frac w/31,485# 20/40 Ottawa Sand, w/142.9 Mscf of N2 and 398 bbls YF 120LG.
7511' - 7574'	Frac w/60,528# 20/40 Ottawa Sand, w/204.9 Mscf of N2 and 510 bbls YF 115LG.
7097' - 7246'	Frac w/40,545# 20/40 Ottawa Sand, w/213.4 Mscf of N2 and 367 bbls YF 115LG.

RECEIVED

OCT 25 2004

DIV OF OIL, GAS & MINING

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
8/15/2004	10/16/2004	24	→	2	577	25			Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
48	132	341	→	2	577	25		Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						PERIOD EXPIRED ON 9-15-05
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	
			→						

28b Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg.Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

28c Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg.Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas:Oil Ratio	Well Status	

29. Disposition of Gas (Sold, used for fuel, vented, etc.)

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Description, Contents, etc.	Name	Top
					Meas. Depth
				Wasatch Tongue	3790'
				Uteland Limestone	4146'
				Wasatch	4292'
				Chapita Wells	5180'
				Uteland Buttes	6348'
				Mesaverde	7221'

32. Additional remarks (include plugging procedure)

33. Circle enclosed attachments:

- ☒ 1. Electrical/Mechanical Logs (1 full set req'd)
 2. Geologic Report
 3. DST Report
 4. Directional Survey
 5. Sundry Notice for plugging and cement verification
 6. Core Analysis
 7. Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Carla Christian Title Regulatory Specialist
 Signature Carla Christian Date October 21, 2004

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Directional & Horizontal Drilling Systems

Dominion Exploration and Production

Natural Buttes Field, Uintah County, Utah

HCU #2-33F

Section 33, T10S, R20E

Final Well Report

CONFIDENTIAL

AS DRILLED

HCU #2-33F

SECTION 33, T10S, R20E

Uintah County, Utah

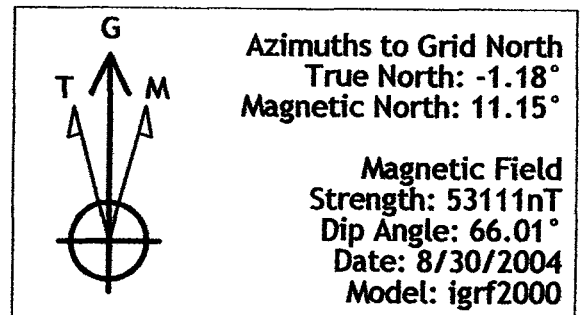
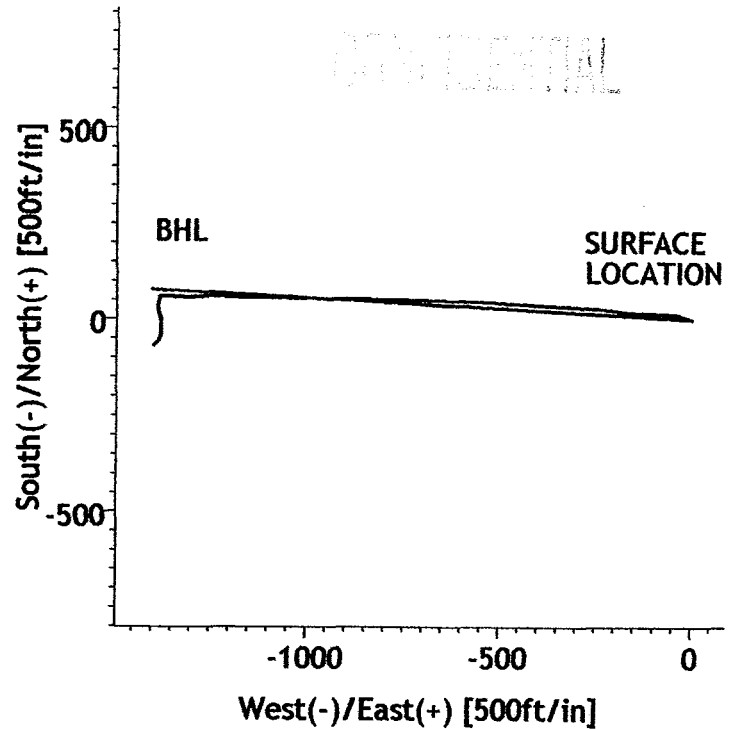
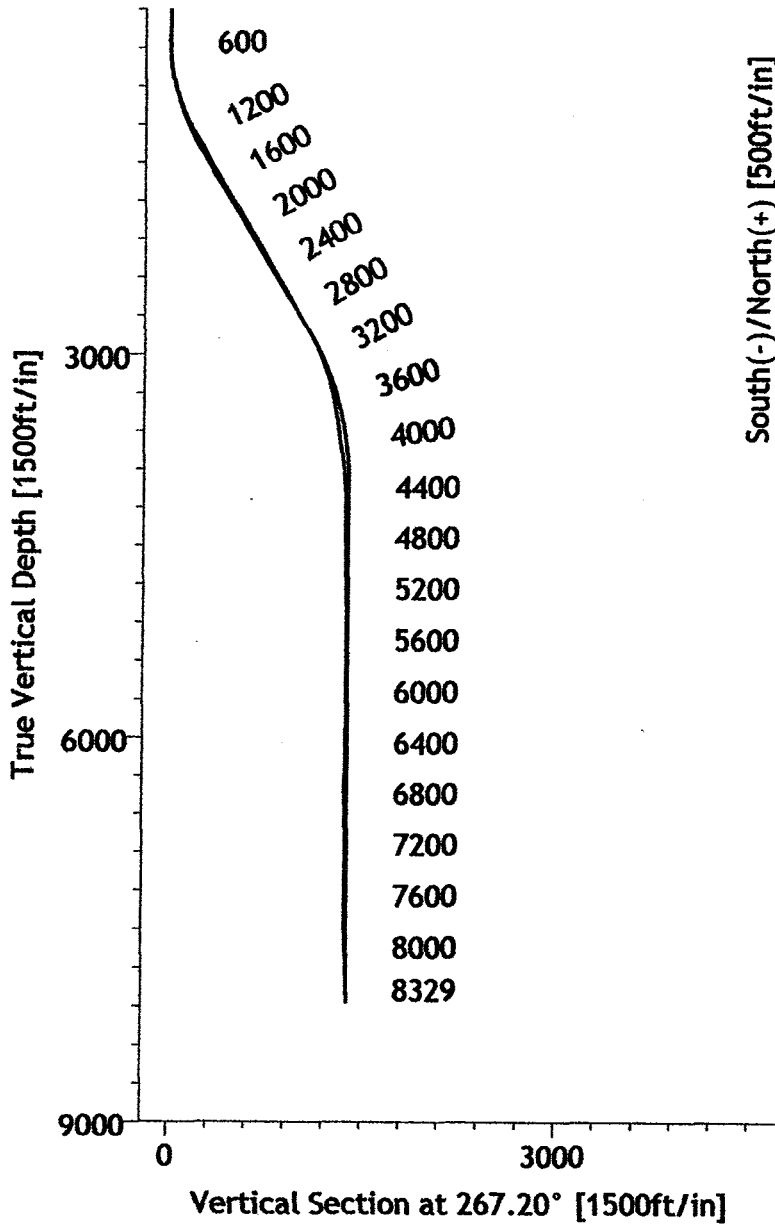
DOMINION

HCU #2-33F
UINTAH COUNTY, UTAH
COMPLETION PLOT

LEGEND

— AS DRILLED
— PLANNED WELL

KOP 476' MD



Ryan The leader in
UNDERGROUND INTELLIGENCE™

CONFIDENTIAL

Ryan Energy

Ryan Survey Report

Company: DOMINION	Date: 8/30/2004	Time: 15:25:40	Page: 1
Field: UTAH	Co-ordinate(NE) Reference:	Site: UINTAH COUNTY, Grid North	
Site: UINTAH COUNTY	Vertical (TVD) Reference:	SITE 0.0	
Well: HCU #2-33F	Section (VS) Reference:	Well (0.00N,0.00E,267.20Azi)	
Wellpath: AS DRILLED	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Field: UTAH

Map System: US State Plane Coordinate System 1983
Geo Datum: GRS 1980
Sys Datum: Mean Sea Level

Map Zone: Utah, Central Zone
Coordinate System: Site Centre
Geomagnetic Model: igrf2000

Site: UINTAH COUNTY

Site Position:	Northing: 7140886.63 ft	Latitude: 39 54 32.389 N
From: Geographic	Easting: 2155916.47 ft	Longitude: 109 39 43.701 W
Position Uncertainty: 0.00 ft		North Reference: Grid
Ground Level: 0.00 ft		Grid Convergence: 1.18 deg

Well: HCU #2-33F

Slot Name:

Well Position: +N/-S 0.00 ft	Northing: 7140886.63 ft	Latitude: 39 54 32.389 N
+E/-W 0.00 ft	Easting: 2155916.47 ft	Longitude: 109 39 43.701 W
Position Uncertainty: 0.00 ft		

Wellpath: AS DRILLED

Current Datum: SITE	Height 0.00 ft	Drilled From: Surface
Magnetic Data: 8/30/2004		Tie-on Depth: 0.00 ft
Field Strength: 53111 nT		Above System Datum: Mean Sea Level
Vertical Section: Depth From (TVD)	+N/-S	Declination: 12.33 deg
ft	ft	Mag Dip Angle: 66.01 deg
		+E/-W Direction
		deg
0.00	0.00	0.00 267.20

Casing Points

MD	TVD	Diameter	Hole Size	Name

Survey Program for Definitive Wellpath

Date: 8/30/2004	Validated: No	Version: 0
Actual From ft	To ft	Survey
		Toolcode
		Tool Name

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft
476.00	0.00	0.00	476.00	0.00	0.00	0.00	0.00	0.00	0.00
506.00	0.30	92.10	506.00	0.00	0.08	-0.08	1.00	1.00	0.00
595.00	0.70	282.60	595.00	0.11	-0.22	0.21	1.12	0.45	-190.45
685.00	5.20	286.20	684.86	1.37	-4.67	4.60	5.00	5.00	4.00
775.00	9.50	289.70	774.10	5.01	-15.59	15.33	4.80	4.78	3.89
865.00	12.70	284.40	862.40	9.97	-32.17	31.64	3.73	3.56	-5.89
955.00	15.10	274.20	949.77	13.29	-53.45	52.74	3.80	2.67	-11.33
1045.00	17.90	271.70	1036.06	14.56	-78.97	78.17	3.21	3.11	-2.78
1138.00	20.80	271.70	1123.80	15.48	-109.77	108.88	3.12	3.12	0.00
1234.00	24.00	272.50	1212.54	16.83	-146.32	145.32	3.35	3.33	0.83
1330.00	26.40	278.10	1299.41	20.69	-186.97	185.73	3.52	2.50	5.83
1426.00	29.00	275.60	1384.41	25.97	-231.26	229.72	2.97	2.71	-2.60
1521.00	30.90	273.10	1466.72	29.54	-278.55	276.77	2.39	2.00	-2.63
1617.00	29.80	273.10	1549.56	32.16	-326.98	325.02	1.15	-1.15	0.00
1713.00	31.10	272.80	1632.32	34.67	-375.57	373.43	1.36	1.35	-0.31
1808.00	30.90	273.10	1713.75	37.18	-424.43	422.11	0.27	-0.21	0.32
1904.00	30.40	273.10	1796.34	39.83	-473.30	470.79	0.52	-0.52	0.00
2000.00	29.90	272.50	1879.35	42.19	-521.46	518.78	0.61	-0.52	-0.62

Ryan Energy

Ryan Survey Report

Company: DOMINION
Field: UTAH
Site: UINTAH COUNTY
Well: HCU #2-33F
Wellpath: AS DRILLED

CONFIDENTIAL

Date: 8/30/2004 **Time:** 15:25:40 **Page:** 2
Co-ordinate(NE) Reference: Site: UINTAH COUNTY, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,267.20Azi)
Survey Calculation Method: Minimum Curvature **Db:** Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft
2095.00	29.10	272.80	1962.03	44.35	-568.19	565.35	0.86	-0.84	0.32
2191.00	29.40	272.10	2045.79	46.35	-615.05	612.06	0.47	0.31	-0.73
2287.00	31.10	271.70	2128.72	47.95	-663.39	660.26	1.78	1.77	-0.42
2382.00	31.60	271.70	2209.85	49.42	-712.79	709.53	0.53	0.53	0.00
2478.00	31.60	271.40	2291.61	50.78	-763.07	759.69	0.16	0.00	-0.31
2574.00	31.40	270.70	2373.47	51.70	-813.22	809.73	0.43	-0.21	-0.73
2670.00	31.40	270.30	2455.41	52.13	-863.24	859.67	0.22	0.00	-0.42
2764.00	31.40	270.30	2535.64	52.39	-912.21	908.57	0.00	0.00	0.00
2864.00	31.20	271.70	2621.09	53.30	-964.15	960.41	0.75	-0.20	1.40
2914.00	31.00	271.40	2663.90	53.99	-989.97	986.16	0.51	-0.40	-0.60
2978.00	31.00	271.00	2718.76	54.68	-1022.93	1019.04	0.32	0.00	-0.62
3074.00	30.00	270.70	2801.48	55.41	-1071.64	1067.67	1.05	-1.04	-0.31
3170.00	26.70	270.70	2885.95	55.97	-1117.22	1113.16	3.44	-3.44	0.00
3265.00	24.40	272.10	2971.66	56.95	-1158.18	1154.02	2.50	-2.42	1.47
3361.00	20.80	271.70	3060.27	58.18	-1195.04	1190.78	3.75	-3.75	-0.42
3457.00	17.60	271.40	3150.92	59.04	-1226.60	1222.26	3.33	-3.33	-0.31
3553.00	14.30	268.60	3243.21	59.10	-1252.97	1248.59	3.53	-3.44	-2.92
3649.00	12.30	265.10	3336.63	57.94	-1275.01	1270.67	2.24	-2.08	-3.65
3745.00	10.00	268.60	3430.82	56.86	-1293.53	1289.22	2.50	-2.40	3.65
3841.00	9.10	271.70	3525.49	56.89	-1309.45	1305.12	1.08	-0.94	3.23
3937.00	8.60	273.90	3620.34	57.60	-1324.20	1319.82	0.63	-0.52	2.29
4033.00	8.00	274.20	3715.34	58.58	-1338.03	1333.58	0.63	-0.62	0.31
4128.00	7.20	271.40	3809.50	59.21	-1350.57	1346.08	0.93	-0.84	-2.95
4223.00	5.40	263.70	3903.93	58.86	-1360.97	1356.48	2.09	-1.89	-8.11
4318.00	4.50	275.30	3998.57	58.71	-1369.12	1364.63	1.41	-0.95	12.21
4413.00	2.70	267.20	4093.38	58.95	-1375.07	1370.56	1.96	-1.89	-8.53
4508.00	1.10	238.70	4188.33	58.37	-1378.08	1373.60	1.91	-1.68	-30.00
4571.00	1.20	199.70	4251.32	57.43	-1378.82	1374.38	1.23	0.16	-61.90
5025.00	1.50	187.00	4705.19	47.06	-1381.15	1377.21	0.09	0.07	-2.80
5525.00	1.50	197.00	5205.02	34.30	-1383.86	1380.54	0.05	0.00	2.00
6005.00	2.00	162.00	5684.81	20.33	-1383.11	1380.47	0.24	0.10	-7.29
6485.00	2.50	162.00	6164.44	2.41	-1377.28	1375.53	0.10	0.10	0.00
6960.00	2.50	190.00	6639.00	-17.65	-1375.88	1375.11	0.25	0.00	5.89
7460.00	2.50	170.00	7138.54	-39.13	-1375.88	1376.15	0.17	0.00	-4.00
7960.00	2.00	227.00	7638.21	-55.82	-1380.37	1381.45	0.44	-0.10	11.40
8387.00	3.00	230.00	8064.80	-68.08	-1394.38	1396.04	0.24	0.23	0.70

CONFIDENTIAL

Survey Report-Geographic

HCU #2-33F

SECTION 33, T10S, R20E

Uintah County, Utah

Ryan Energy

Survey Report - Geographic

Company: DOMINION
Field: UTAH
Site: UINTAH COUNTY
Well: HCU #2-33F
Wellpath: AS DRILLED

CONFIDENTIAL

Date: 8/30/2004 **Time:** 15:26:39 **Page:** 1
Co-ordinate(NE) Reference: Site: UINTAH COUNTY, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,267.20Azi)
Survey Calculation Method: Minimum Curvature **Db:** Sybase

Field: UTAH

Map System: US State Plane Coordinate System 1983
Geo Datum: GRS 1980
Sys Datum: Mean Sea Level

Map Zone: Utah, Central Zone
Coordinate System: Site Centre
Geomagnetic Model: igrf2000

Site: UINTAH COUNTY

Site Position: Northing: 7140886.63 ft Latitude: 39 54 32.389 N
From: Geographic Easting: 2155916.47 ft Longitude: 109 39 43.701 W
Position Uncertainty: 0.00 ft North Reference: Grid
Ground Level: 0.00 ft Grid Convergence: 1.18 deg

Well: HCU #2-33F

Slot Name:

Well Position: +N/-S 0.00 ft Northing: 7140886.63 ft Latitude: 39 54 32.389 N
+E/-W 0.00 ft Easting: 2155916.47 ft Longitude: 109 39 43.701 W
Position Uncertainty: 0.00 ft

Wellpath: AS DRILLED

Drilled From: Surface
Tie-on Depth: 0.00 ft
Above System Datum: Mean Sea Level
Declination: 12.33 deg
Mag Dip Angle: 66.01 deg
+E/-W Direction deg

Current Datum: SITE
Magnetic Data: 8/30/2004
Field Strength: 53111 nT
Vertical Section: Depth From (TVD) ft
0.00

Height 0.00 ft
+N/-S ft
0.00

0.00 267.20

Survey: AS DRILLED

Start Date: 8/30/2004

Company: Ryan Energy
Tool:

Engineer: Stephanie Altrock
Tied-to: User Defined

Survey: AS DRILLED

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude → Deg Min Sec			← Longitude → Deg Min Sec		
476.00	0.00	0.00	476.00	0.00	0.00	7140886.63	2155916.47	39	54	32.389 N	109	39	43.701 W
506.00	0.30	92.10	506.00	0.00	0.08	7140886.63	2155916.55	39	54	32.389 N	109	39	43.700 W
595.00	0.70	282.60	595.00	0.11	-0.22	7140886.74	2155916.25	39	54	32.390 N	109	39	43.704 W
685.00	5.20	286.20	684.86	1.37	-4.67	7140888.00	2155911.79	39	54	32.403 N	109	39	43.761 W
775.00	9.50	289.70	774.10	5.01	-15.59	7140891.64	2155900.88	39	54	32.442 N	109	39	43.900 W
865.00	12.70	284.40	862.40	9.97	-32.17	7140896.61	2155884.30	39	54	32.494 N	109	39	44.111 W
955.00	15.10	274.20	949.77	13.29	-53.45	7140899.93	2155863.02	39	54	32.531 N	109	39	44.383 W
1045.00	17.90	271.70	1036.06	14.56	-78.97	7140901.20	2155837.50	39	54	32.549 N	109	39	44.710 W
1138.00	20.80	271.70	1123.80	15.48	-109.77	7140902.11	2155806.70	39	54	32.564 N	109	39	45.105 W
1234.00	24.00	272.50	1212.54	16.83	-146.32	7140903.47	2155770.15	39	54	32.585 N	109	39	45.574 W
1330.00	26.40	278.10	1299.41	20.69	-186.97	7140907.33	2155729.50	39	54	32.631 N	109	39	46.095 W
1426.00	29.00	275.60	1384.41	25.97	-231.26	7140912.61	2155685.20	39	54	32.693 N	109	39	46.662 W
1521.00	30.90	273.10	1466.72	29.54	-278.55	7140916.18	2155637.92	39	54	32.737 N	109	39	47.267 W
1617.00	29.80	273.10	1549.56	32.16	-326.98	7140918.80	2155589.49	39	54	32.773 N	109	39	47.888 W
1713.00	31.10	272.80	1632.32	34.67	-375.57	7140921.30	2155540.90	39	54	32.808 N	109	39	48.511 W
1808.00	30.90	273.10	1713.75	37.18	-424.43	7140923.82	2155492.04	39	54	32.843 N	109	39	49.137 W
1904.00	30.40	273.10	1796.34	39.83	-473.30	7140926.46	2155443.17	39	54	32.879 N	109	39	49.764 W
2000.00	29.90	272.50	1879.35	42.19	-521.46	7140928.82	2155395.01	39	54	32.912 N	109	39	50.381 W
2095.00	29.10	272.80	1962.03	44.35	-568.19	7140930.98	2155348.28	39	54	32.942 N	109	39	50.980 W
2191.00	29.40	272.10	2045.79	46.35	-615.05	7140932.99	2155301.42	39	54	32.972 N	109	39	51.581 W
2287.00	31.10	271.70	2128.72	47.95	-663.39	7140934.59	2155253.08	39	54	32.997 N	109	39	52.200 W
2382.00	31.60	271.70	2209.85	49.42	-712.79	7140936.05	2155203.68	39	54	33.022 N	109	39	52.834 W
2478.00	31.60	271.40	2291.61	50.78	-763.07	7140937.41	2155153.39	39	54	33.046 N	109	39	53.479 W

CONFIDENTIAL

Survey Report - Closure

HCU #2-33F

SECTION 33, T10S, R20E

Uintah County, Utah

Ryan Energy

Report of Downhole Survey



Company: DOMINION
Field: UTAH
Site: UINTAH COUNTY
Well: HCU #2-33F
Wellpath: AS DRILLED

CONFIDENTIAL

Date: 8/30/2004 Time: 15:27:37 Page: 1
Co-ordinate(NE) Reference: Site: UINTAH COUNTY, Grid North
Vertical (TVD) Reference: SITE 0.0
Section (VS) Reference: Well (0.00N,0.00E,267.20Azi)
Survey Calculation Method: Minimum Curvature Db: Sybase

Survey: AS DRILLED

Start Date: 8/30/2004

Company: Ryan Energy
Tool:

Engineer: Stephanie Altrock
Tied-to: User Defined

Survey

Stn	MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	ClsD ft	ClsA deg
1	476.00	0.00	0.00	476.00	0.00	0.00	0.00	0.00	0.00	0.00
2	506.00	0.30	92.10	506.00	0.00	0.08	-0.08	1.00	0.08	92.10
3	595.00	0.70	282.60	595.00	0.11	-0.22	0.21	1.12	0.24	296.05
4	685.00	5.20	286.20	684.86	1.37	-4.67	4.60	5.00	4.87	286.28
5	775.00	9.50	289.70	774.10	5.01	-15.59	15.33	4.80	16.37	287.81
6	865.00	12.70	284.40	862.40	9.97	-32.17	31.64	3.73	33.68	287.23
7	955.00	15.10	274.20	949.77	13.29	-53.45	52.74	3.80	55.08	283.97
8	1045.00	17.90	271.70	1036.06	14.56	-78.97	78.17	3.21	80.30	280.45
9	1138.00	20.80	271.70	1123.80	15.48	-109.77	108.88	3.12	110.85	278.03
10	1234.00	24.00	272.50	1212.54	16.83	-146.32	145.32	3.35	147.28	276.56
11	1330.00	26.40	278.10	1299.41	20.69	-186.97	185.73	3.52	188.11	276.32
12	1426.00	29.00	275.60	1384.41	25.97	-231.26	229.72	2.97	232.72	276.41
13	1521.00	30.90	273.10	1466.72	29.54	-278.55	276.77	2.39	280.11	276.05
14	1617.00	29.80	273.10	1549.56	32.16	-326.98	325.02	1.15	328.56	275.62
15	1713.00	31.10	272.80	1632.32	34.67	-375.57	373.43	1.36	377.16	275.27
16	1808.00	30.90	273.10	1713.75	37.18	-424.43	422.11	0.27	426.06	275.01
17	1904.00	30.40	273.10	1796.34	39.83	-473.30	470.79	0.52	474.97	274.81
18	2000.00	29.90	272.50	1879.35	42.19	-521.46	518.78	0.61	523.16	274.63
19	2095.00	29.10	272.80	1962.03	44.35	-568.19	565.35	0.86	569.92	274.46
20	2191.00	29.40	272.10	2045.79	46.35	-615.05	612.06	0.47	616.80	274.31
21	2287.00	31.10	271.70	2128.72	47.95	-663.39	660.26	1.78	665.12	274.13
22	2382.00	31.60	271.70	2209.85	49.42	-712.79	709.53	0.53	714.50	273.97
23	2478.00	31.60	271.40	2291.61	50.78	-763.07	759.69	0.16	764.76	273.81
24	2574.00	31.40	270.70	2373.47	51.70	-813.22	809.73	0.43	814.87	273.64
25	2670.00	31.40	270.30	2455.41	52.13	-863.24	859.67	0.22	864.81	273.46
26	2764.00	31.40	270.30	2535.64	52.39	-912.21	908.57	0.00	913.72	273.29
27	2864.00	31.20	271.70	2621.09	53.30	-964.15	960.41	0.75	965.63	273.16
28	2914.00	31.00	271.40	2663.90	53.99	-989.97	986.16	0.51	991.44	273.12
29	2978.00	31.00	271.00	2718.76	54.68	-1022.93	1019.04	0.32	1024.39	273.06
30	3074.00	30.00	270.70	2801.48	55.41	-1071.64	1067.67	1.05	1073.07	272.96
31	3170.00	26.70	270.70	2885.95	55.97	-1117.22	1113.16	3.44	1118.62	272.87
32	3265.00	24.40	272.10	2971.66	56.95	-1158.18	1154.02	2.50	1159.58	272.81
33	3361.00	20.80	271.70	3060.27	58.18	-1195.04	1190.78	3.75	1196.46	272.79
34	3457.00	17.60	271.40	3150.92	59.04	-1226.60	1222.26	3.33	1228.02	272.76
35	3553.00	14.30	268.60	3243.21	59.10	-1252.97	1248.59	3.53	1254.36	272.70
36	3649.00	12.30	265.10	3336.63	57.94	-1275.01	1270.67	2.24	1276.33	272.60
37	3745.00	10.00	268.60	3430.82	56.86	-1293.53	1289.22	2.50	1294.78	272.52
38	3841.00	9.10	271.70	3525.49	56.89	-1309.45	1305.12	1.08	1310.69	272.49
39	3937.00	8.60	273.90	3620.34	57.60	-1324.20	1319.82	0.63	1325.46	272.49
40	4033.00	8.00	274.20	3715.34	58.58	-1338.03	1333.58	0.63	1339.31	272.51
41	4128.00	7.20	271.40	3809.50	59.21	-1350.57	1346.08	0.93	1351.87	272.51
42	4223.00	5.40	263.70	3903.93	58.86	-1360.97	1356.48	2.09	1362.24	272.48
43	4318.00	4.50	275.30	3998.57	58.71	-1369.12	1364.63	1.41	1370.38	272.46
44	4413.00	2.70	267.20	4093.38	58.95	-1375.07	1370.56	1.96	1376.33	272.45
45	4508.00	1.10	238.70	4188.33	58.37	-1378.08	1373.60	1.91	1379.32	272.43
46	4571.00	1.20	199.70	4251.32	57.43	-1378.82	1374.38	1.23	1380.02	272.39
47	5025.00	1.50	187.00	4705.19	47.06	-1381.15	1377.21	0.09	1381.95	271.95
48	5525.00	1.50	197.00	5205.02	34.30	-1383.86	1380.54	0.05	1384.28	271.42
49	6005.00	2.00	162.00	5684.81	20.33	-1383.11	1380.47	0.24	1383.26	270.84

Ryan Energy

Report of Downhole Survey



Company: DOMINION Field: UTAH Site: UINTAH COUNTY Well: HCU #2-33F Wellpath: AS DRILLED	Date: 8/30/2004 Time: 15:27:37 Page: 2 Co-ordinate(NE) Reference: Site: UINTAH COUNTY, Grid North Vertical (TVD) Reference: SITE 0.0 Section (VS) Reference: Well (0.00N,0.00E,267.20Azi) Survey Calculation Method: Minimum Curvature Db: Sybase
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Survey

Sta	MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	ClsD ft	ClsA deg
50	6485.00	2.50	162.00	6164.44	2.41	-1377.28	1375.53	0.10	1377.29	270.10
51	6960.00	2.50	190.00	6639.00	-17.65	-1375.88	1375.11	0.25	1376.00	269.27
52	7460.00	2.50	170.00	7138.54	-39.13	-1375.88	1376.15	0.17	1376.44	268.37
53	7960.00	2.00	227.00	7638.21	-55.82	-1380.37	1381.45	0.44	1381.50	267.68
54	8387.00	3.00	230.00	8064.80	-68.08	-1394.36	1396.04	0.24	1396.04	267.20

Annotation

MD	TVD

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ

2. CDW

X - Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

7/1/2007

FROM: (Old Operator):

N1095-Dominion Exploration & Production, Inc
 14000 Quail Springs Parkway, Suite 600
 Oklahoma City, OK 73134

Phone: 1 (405) 749-1300

TO: (New Operator):

N2615-XTO Energy Inc
 810 Houston St
 Fort Worth, TX 76102

Phone: 1 (817) 870-2800

CA No.

Unit:

HILL CREEK

WELL NAME	SEC	TWN	RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
SEE ATTACHED LIST								

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 8/6/2007
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 8/6/2007
- The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 8/6/2007
- a. Is the new operator registered in the State of Utah: Business Number: 5655506-0143
- b. If **NO**, the operator was contacted on: _____
- a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- b. Inspections of LA PA state/fee well sites complete on: n/a
- c. Reports current for Production/Disposition & Sundries on: ok
- Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM BIA
- Federal and Indian Units:**
The BLM or BIA has approved the successor of unit operator for wells listed on: _____
- Federal and Indian Communization Agreements ("CA"):**
The BLM or BIA has approved the operator for all wells listed within a CA on: _____
- Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

- Changes entered in the **Oil and Gas Database** on: 9/27/2007
- Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 9/27/2007
- Bond information entered in RBDMS on: 9/27/2007
- Fee/State wells attached to bond in RBDMS on: 9/27/2007
- Injection Projects to new operator in RBDMS on: 9/27/2007
- Receipt of Acceptance of Drilling Procedures for APD/New on: 9/27/2007

BOND VERIFICATION:

- Federal well(s) covered by Bond Number: UTB000138
- Indian well(s) covered by Bond Number: n/a
- a. (R649-3-1) The **NEW** operator of any state/fee well(s) listed covered by Bond Number 104312762
- b. The **FORMER** operator has requested a release of liability from their bond on: 1/23/2008

The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

- (R649-2-10) The **NEW** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: _____

COMMENTS:

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER _____		5. LEASE DESIGNATION AND SERIAL NUMBER:
2. NAME OF OPERATOR: XTO Energy Inc. <i>N 2615</i>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: 810 Houston Street CITY Fort Worth STATE TX ZIP 76102		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL FOOTAGES AT SURFACE: SEE ATTACHED		8. WELL NAME and NUMBER: SEE ATTACHED
QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:		9. API NUMBER: SEE ATTACHED
COUNTY: Uintah		10. FIELD AND POOL, OR WILDCAT: Natural Buttes
STATE: UTAH		

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA			
TYPE OF SUBMISSION	TYPE OF ACTION		
<input checked="" type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input checked="" type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/RESUME) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARILY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input type="checkbox"/> OTHER: _____
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Effective July 1, 2007, XTO Energy Inc. has purchased the wells listed on the attachment from:

Dominion Exploration & Production, Inc.
14000 Quail Springs Parkway, Suite 600
Oklahoma City, OK 73134

N 1095

James D. Abercrombie
James D. Abercrombie
Sr. Vice President, General Manager - Western Business Unit
(405) 749-1300

Please be advised that XTO Energy Inc. is considered to be the operator on the attached list and is responsible under the terms and conditions of the lease for the operations conducted upon the lease lands. Bond coverage is provided by Nationwide BLM Bond #104312750 and Department of Natural Resources Bond #104312762.

NAME (PLEASE PRINT) <u>Edwin S. Ryan, Jr.</u>	TITLE <u>Sr. Vice President - Land Administration</u>
SIGNATURE <i>Edwin S. Ryan, Jr.</i>	DATE <u>7/31/2007</u>

(This space for State use only)

APPROVED 9127107
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

(See Instructions on Reverse Side)

RECEIVED
AUG 06 2007
DIV. OF OIL, GAS & MINING

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well name	qtr_qtr	sec	tpw	rng	lease_num	entity	Lease	well	stat
4304731522	FEDERAL 1-29	SWNW	29	100S	200E	U-28203	12829	Federal	GW	P
4304731601	HILLCREEK FED 1-30	NWSW	30	100S	200E	U-30693	12829	Federal	GW	P
4304731675	HILL CREEK FED 1-27	SEnw	27	100S	200E	U-29784	12829	Federal	GW	P
4304733671	HCU 1-28F	NENE	28	100S	200E	14-20-H62-4783	12829	Indian	GW	S
4304733672	HCU 1-29F	NENE	29	100S	200E	U-28203	12829	Federal	GW	P
4304733673	HCU 2-30F	NWNE	30	100S	200E	UTU-29784	12829	Federal	GW	P
4304733688	HCU 3-28F	NENW	28	100S	200E	U-28203	12829	Federal	GW	P
4304733689	HCU 3-29F	NENW	29	100S	200E	U-28203	12829	Federal	GW	P
4304733713	HCU 3-30F	NWNW	30	100S	200E	UTU-30693	12829	Federal	GW	P
4304733835	HCU 5-30F	SWNW	30	100S	200E	U-30693	12829	Federal	GW	P
4304733836	HCU 6-30F	SEnw	30	100S	200E	U-30693	12829	Federal	GW	P
4304733964	HCU 8-30F	SENE	30	100S	200E	UTU-29784	12829	Federal	GW	P
4304733965	HCU 11-30F	NESW	30	100S	200E	U-30693	12829	Federal	GW	P
4304733966	HCU 13-30F	SWSW	30	100S	200E	U-30693	12829	Federal	GW	P
4304734045	HCU 5-28F	SWNW	28	100S	200E	U-28203	12829	Federal	GW	P
4304734046	HCU 7-29F	SWNE	29	100S	200E	U-28203	12829	Federal	GW	P
4304734223	HCU 9-29F	NESE	29	100S	200E	U-28203	12829	Federal	GW	P
4304734298	HCU 3-31F	NWNW	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734299	HCU 5-31F	SWNW	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734300	HCU 7-31F	SEnw	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734316	HCU 2-27F	NWNE	27	100S	200E	UTU-79130	12829	Federal	GW	P
4304734351	HCU 8-27F	SENE	27	100S	200E	UTU-79130	12829	Federal	GW	P
4304734352	HCU 11-31F	NWSW	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734353	HCU 13-31F	SWSW	31	100S	200E	UTU-30693	12829	Federal	GW	P
4304734853	HCU 1-33F	NENE	33	100S	200E	14-20-H62-4782	12829	Indian	GW	P
4304734854	HCU 3-34F	NENW	34	100S	200E	U-28203	12829	Federal	GW	P
4304734913	HCU 1-27F	NENE	27	100S	200E	U-79130	12829	Federal	GW	P
4304734914	HCU 3-27F	NENW	27	100S	200E	U-79130	12829	Federal	GW	P
4304734915	HCU 7-27F	SWNE	27	100S	200E	U-79130	12829	Federal	GW	S
4304734916	HCU 10-27F	NWSE	27	100S	200E	U-79130	12829	Federal	GW	P
4304734917	HCU 14-30F	SWSW	30	100S	200E	U-30693	12829	Federal	GW	P
4304734918	HCU 15-30F	SWSE	30	100S	200E	U-29784	12829	Federal	GW	P
4304734919	HCU 2-31F	NWNE	31	100S	200E	U-30693	12829	Federal	GW	P
4304734920	HCU 6-31F	SWNW	31	100S	200E	U-30693	12829	Federal	GW	P
4304734921	HCU 4-31F	NWNW	31	100S	200E	U-30693	12829	Federal	GW	P
4304735130	HCU 11-27F	NESW	27	100S	200E	U-29784	12829	Federal	GW	P
4304735131	HCU 2-29F	NWNE	29	100S	200E	U-28203	12829	Federal	GW	P
4304735132	HCU 9-30F	NESE	30	100S	200E	U-29784	12829	Federal	GW	P
4304735133	HCU 10-30F	NWSE	30	100S	200E	U-29784	12829	Federal	GW	P
4304735134	HCU 1-31F	NENE	31	100S	200E	U-36903	12829	Federal	GW	P
4304735135	HCU 12-31F	NWSW	31	100S	200E	U-30693	12829	Federal	GW	P
4304735137	HCU 2-33F	NENE	33	100S	200E	U-28203	12829	Federal	GW	P
4304735139	HCU 5-34F	NENW	34	100S	200E	U-28203	12829	Federal	GW	P
4304735154	HCU 13-27F	NESW	27	100S	200E	U-29784	12829	Federal	GW	P
4304735230	HCU 8-33F	SENE	33	100S	200E	14-20-H62-4782	12829	Indian	GW	P
4304735307	HCU 6-29F	SEnw	29	100S	200E	U-28203	12829	Federal	GW	P
4304735470	HCU 11-29F	NESW	29	100S	200E	U-28203	12829	Federal	GW	P
4304735471	HCU 10-29F	NWSE	29	100S	200E	U-28203	12829	Federal	GW	P

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr_qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304735507	HCU 12-29FA	NESW	29	100S	200E	U-28203	12829	Federal	GW	DRL
4304735724	HCU 16-27F	SESE	27	100S	200E	U-79130	12829	Federal	GW	P
4304735725	HCU 9-27F	NESE	27	100S	200E	U-79130	12829	Federal	GW	P
4304735726	HCU 15-27F	SWSE	27	100S	200E	U-79130	12829	Federal	GW	P
4304735727	HCU 9-34F	NESE	34	100S	200E	U-79130	12829	Federal	GW	P
4304735728	HCU 7-34F	SWNE	34	100S	200E	U-79130	12829	Federal	GW	P
4304735832	HCU 9-33F	NESE	33	100S	200E	U-28203	12829	Federal	GW	P
4304735833	HCU 16-33F	SESE	33	100S	200E	U-28203	12829	Federal	GW	P
4304735835	HCU 11-34F	NESW	34	100S	200E	U-28203	12829	Federal	GW	P
4304735836	HCU 12-34F	NWSW	34	100S	200E	U-28203	12829	Federal	GW	P
4304735837	HCU 13-34F	SWSW	34	100S	200E	U-28203	12829	Federal	GW	P
4304735838	HCU 15-34F	SWSE	34	100S	200E	U-79130	12829	Federal	GW	P
4304735875	HCU 14-34F	SWSE	34	100S	200E	U-79130	12829	Federal	GW	P
4304735934	HCU 8-31F	SENE	31	100S	200E	U-30693	12829	Federal	GW	P
4304735935	HCU 10-31F	NWSE	31	100S	200E	U-30693	12829	Federal	GW	P
4304735936	HCU 9-31F	NWSE	31	100S	200E	U-30693	12829	Federal	GW	P
4304735939	HCU 16-28F	SESE	28	100S	200E	U-28203	12829	Federal	GW	P
4304735940	HCU 6-34F	SENE	34	100S	200E	U-28203	12829	Federal	GW	P
4304735996	HCU 16-34F	SESE	34	100S	200E	U-79130	12829	Federal	GW	P
4304736046	HCU 14-31F	SWSW	31	100S	200E	U-30693	12829	Federal	GW	P
4304736251	HCU 16-30F	NESE	30	100S	200E	U-29784	12829	Federal	GW	P
4304736319	HCU 10-28F	NWSE	28	100S	200E	U-28203	12829	Federal	GW	P
4304736320	HCU 13-28F	SWSW	28	100S	200E	U-28203	12829	Federal	GW	P
4304736321	HCU 14-28F	SESW	28	100S	200E	U-28203	12829	Federal	GW	P
4304736437	HCU 5-27F	SWNW	27	100S	200E	U-29784	12829	Federal	GW	DRL
4304736438	HCU 4-27F	SWNW	27	100S	200E	U-29784	12829	Federal	GW	DRL
4304736439	HCU 11-28F	NESW	28	100S	200E	U-28203	12829	Federal	GW	P
4304736440	HCU 5-30F2	SWNW	30	100S	200E	U-30693	12829	Federal	GW	DRL
4304736601	HCU 5-33F	SWNW	33	100S	200E	U-28203	12829	Federal	GW	P
4304736602	HCU 12-33F	NWSW	33	100S	200E	U-28203	12829	Federal	GW	P
4304736603	HCU 6-28F	SENE	28	100S	200E	U-28203	12829	Federal	GW	S
4304736604	HCU 12-28F	NWSW	28	100S	200E	U-28203	12829	Federal	GW	P
4304736685	HCU 13-33F	SWSW	33	100S	200E	U-28203	12829	Federal	GW	P
4304736846	HCU 9-28F	NESE	28	100S	200E	14-20-H62-4781	12829	Indian	GW	P
4304736847	HCU 8-28F	SENE	28	100S	200E	14-20-H62-4783	12829	Indian	GW	P
4304736848	HCU 7-28F	SWNE	28	100S	200E	U-28203	12829	Federal	GW	P
4304736849	HCU 1-34F	NENE	34	100S	200E	U-79130	12829	Federal	GW	P
4304736852	HCU 14-27F	NESW	27	100S	200E	U-29784	12829	Federal	GW	DRL
4304736853	HCU 16-29F	SESE	29	100S	200E	U-28203	12829	Federal	GW	P
4304737060	HCU 4-33F	NWNW	33	100S	200E	U-28203	12829	Federal	GW	P
4304737202	HCU 6-33F	SENE	33	100S	200E	U-28203	12829	Federal	GW	P
4304737203	HCU 3-33F	NWNE	33	100S	200E	U-28203	12829	Federal	OW	P
4304737204	HCU 15-28F	NWNE	33	100S	200E	14-20-H62-4781	12829	Indian	OW	P
4304737284	HCU 7-30F	SENE	30	100S	200E	U-29784	99999	Federal	OW	DRL
4304737340	HCU 5-29F	SWNW	29	100S	200E	U-28203	12829	Federal	GW	P
4304737360	HCU 11-33F	NWSW	33	100S	200E	U-28203	12829	Federal	GW	P
4304737424	HCU 12-27F	NESW	27	100S	200E	U-29784	12829	Federal	OW	DRL
4304737425	HCU 14-29F	SWSW	29	100S	200E	U-28203	12829	Federal	GW	P

N1095 DOMINION E and P, INC. to N2615 XTO ENERGY, INC.

api	well_name	qtr_qtr	sec	twp	rng	lease_num	entity	Lease	well	stat
4304737426	HCU 13-29F	SWSW	29	100S	200E	U-28203	12829	Federal	GW	P
4304737427	HCU 8-29F	NESE	29	100S	200E	U-28203	12829	Federal	GW	P
4304737445	HCU 8-34F	SENE	34	100S	200E	U-79130	12829	Federal	OW	S
4304737446	HCU 2-34F	NWNE	34	100S	200E	U-79130	12829	Federal	OW	DRL
4304737447	HCU 7-33F	SENE	33	100S	200E	U-28203	12829	Federal	OW	DRL
4304737570	HCU 10-33F	NWSE	33	100S	200E	14-20-H62-4782	12829	Indian	GW	P
4304737749	HCU 4-28F	NENW	28	100S	200E	U-28203	99999	Federal	GW	DRL
4304737750	HCU 14-33F	SWSE	33	100S	200E	U-028203	12829	Federal	GW	DRL
4304731560	HILL CREEK ST 1-32	SENE	32	100S	200E	ML-22313	12829	State	GW	P
4304734852	HCU 4-32F	NWNW	32	100S	200E	ML-22313-2	12829	State	GW	P
4304735136	HCU 5-32F	SWNW	32	100S	200E	ML-22313-2	12829	State	GW	P
4304735870	HCU 13-32F	NESE	31	100S	200E	ML-22313-2		State	GW	LA
4304735871	HCU 12-32F	NESE	31	100S	200E	ML-22313-2		State	GW	LA
4304735872	HCU 14-32F	SESW	32	100S	200E	ML-22313-2	12829	State	GW	P
4304735873	HCU 3-32F	NENW	32	100S	200E	ML-22313-2	12829	State	GW	DRL
4304735874	HCU 11-32F	SENE	32	100S	200E	ML-22313-2	12829	State	D	PA
4304736322	HCU 16-32F	SESE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736323	HCU 9-32F	NESE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736324	HCU 8-32F	SENE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736441	HCU 1-32F2	NENE	32	100S	200E	ML-22313-2	12829	State	GW	P
4304736684	HCU 7-32F	SENE	32	100S	200E	ML-22313-2	12829	State	GW	P



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155



IN REPLY REFER TO
3180
UT-922

Dominion Exploration & Production, Inc.
Attn: James D. Abercrombie
14000 Quail Springs Parkway, #600
Oklahoma City, OK 73134-2600

August 10, 2007

Re: Hill Creek Unit
Uintah County, Utah

Gentlemen:

On August 8, 2007, we received an indenture dated June 30, 2007, whereby Dominion Exploration & Production, Inc. resigned as Unit Operator and XTO Energy Inc. was designated as Successor Unit Operator for the Hill Creek Unit, Uintah County, Utah.

This indenture was executed by all required parties and the signatory parties have complied with Sections 5 and 6 of the unit agreement. The instrument is hereby approved effective August 15, 2007. In approving this designation, the Authorized Officer neither warrants nor certifies that the designated party has obtained all required approval that would entitle it to conduct operations under the Hill Creek Unit Agreement.

Your statewide oil and gas Bond No. UTB000138 will be used to cover all operations within the River Bend Unit.

It is requested that you notify all interested parties of the change in unit operator. Copies of the approved instruments are being distributed to the appropriate federal offices, with one copy returned herewith.

Sincerely,

/s/ Greg J. Noble

Greg J. Noble
Acting Chief, Branch of Fluid Minerals

Enclosure

RECEIVED

AUG 16 2007

DIV. OF OIL, GAS & MINING

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: U-28203
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
2. NAME OF OPERATOR: XTO ENERGY INC		7. UNIT or CA AGREEMENT NAME: HILL CREEK
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410		8. WELL NAME and NUMBER: HCU 2-33F
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0777 FNL 0501 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 33 Township: 10.0S Range: 20.0E Meridian: S		9. API NUMBER: 43047351370000
10. PHONE NUMBER: 505 333-3159 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		COUNTY: UINTAH
STATE: UTAH		
TYPE OF SUBMISSION <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/9/2009 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input checked="" type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 50%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </div> <div style="width: 50%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION </div> </div>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. XTO Energy Inc. acidized this well: 9/3/2009: MIRU Frac Tech. Pump down tubing 250 gal acid, flush w/ 31 BBL 2% KCL, SI tubing. Pump down annulus 60 BBL Chemical pill. Pump down annulus 20 BBL spacer, 2% KCL Pump down annulus 1,250 gal acid. Pump down annulus 115 BBL 2% KCL flush, let acid soak 1 hr. Pump down annulus 35 BBL 2% KCL flush, RDMO let soak overnight. 9/8/2009: MIRU Tech Swabbing SWU. Bd Tbg. RU & RIH w/swb tbs. SN @ 8,109'. BFL @ 6,100' FS. S. 0 BO, 18.37 BW, 11 run, 13.5 hrs. FFL @ 0' FS. Cycled plngr. Well Died. SDFN Tech Swabbing SWU. 9/9/2009: Tech Swabbing SWU. Bd Tbg. RU & RIH w/swb tbs. SN @ 8,109'. BFL @ 6,100' FS. S. 0 BO, 12 BW, 4 run, 6 hrs. FFL @ 6,100' FS. KO Well FLWG, SITP 475 psig, SICP 600 psig. RWTP @ 1:30 p.m., RDMO Tech Swabbing SWU. Final report begin test data.		
NAME (PLEASE PRINT) Barbara Nicol	PHONE NUMBER 505 333-3642	TITLE Regulatory Clerk
SIGNATURE N/A		DATE 11/23/2009

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: U-28203
1. TYPE OF WELL Gas Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: UTE
2. NAME OF OPERATOR: XTO ENERGY INC		7. UNIT or CA AGREEMENT NAME: HILL CREEK
3. ADDRESS OF OPERATOR: 382 Road 3100 , Aztec, NM, 87410		8. WELL NAME and NUMBER: HCU 2-33F
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0777 FNL 0501 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 33 Township: 10.0S Range: 20.0E Meridian: S		9. API NUMBER: 43047351370000
PHONE NUMBER: 505 333-3159 Ext		9. FIELD and POOL or WILDCAT: NATURAL BUTTES
COUNTY: UINTAH		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 9/9/2009 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <div style="display: flex; flex-wrap: wrap;"> <div style="width: 33%;"> <input checked="" type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </div> <div style="width: 33%;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input checked="" type="checkbox"/> OTHER </div> <div style="width: 33%;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION </div> </div> OTHER: AMENDED SUMMARY	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. XTO Energy Inc., would like to amended the previously submitted subsequent dated 11/23/2009 for this well. The pervious summary was not complete for this job. Please see the attached summary report for the full work details.		
Accepted by the Utah Division of Oil, Gas and Mining FOR RECORD ONLY December 03, 2009		
NAME (PLEASE PRINT) Dolena Johnson		PHONE NUMBER 505 333-3164
SIGNATURE N/A		TITLE Regulatory Compliance Tech
DATE 12/2/2009		